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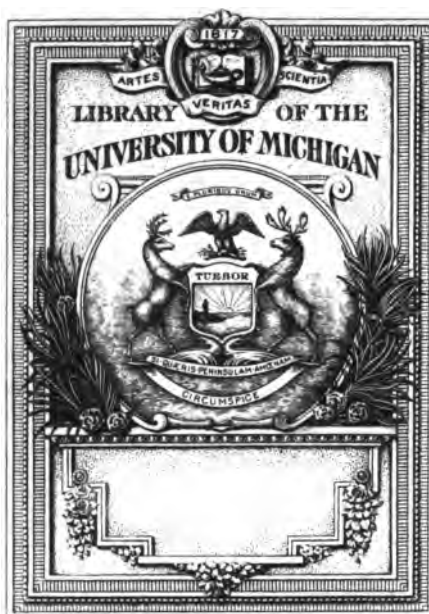
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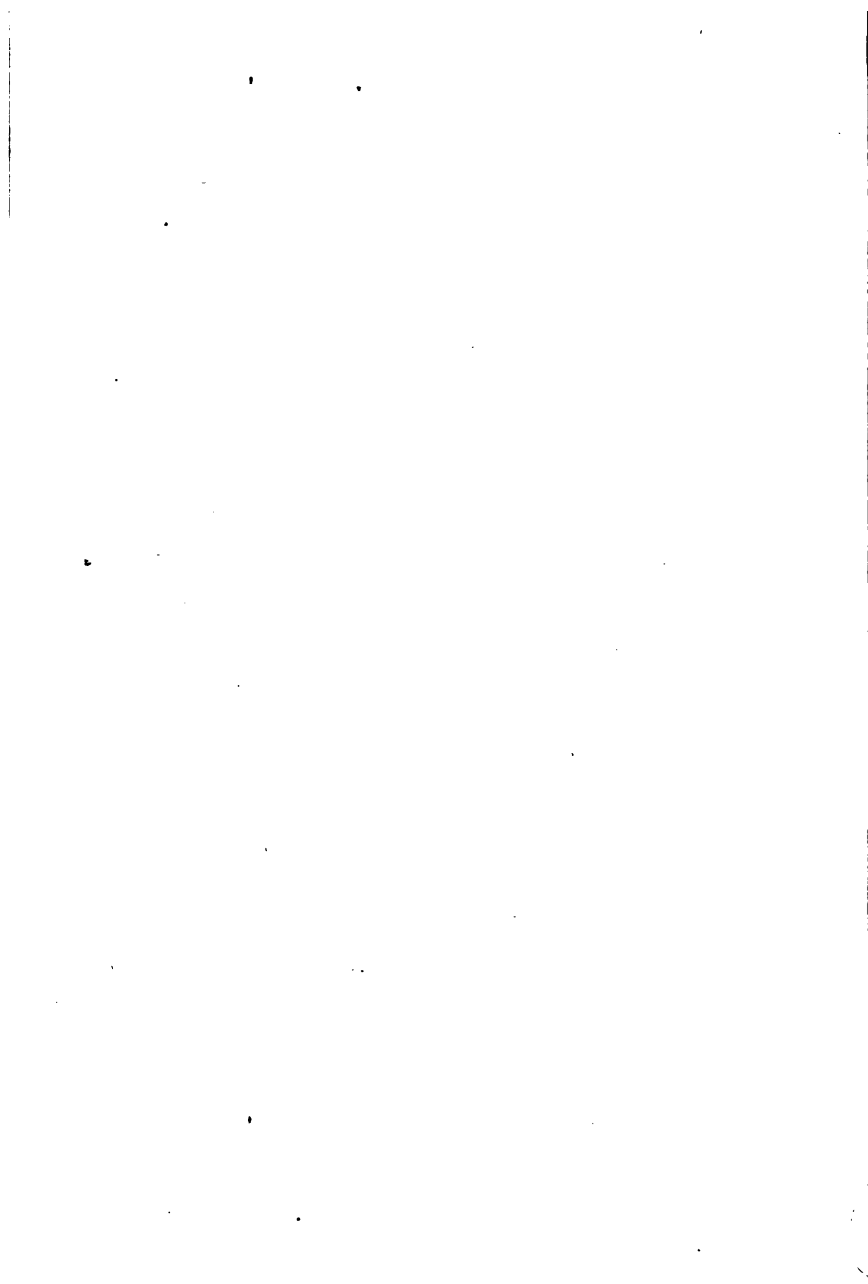
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CONTAINING

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OMERS, ETC., ETC.

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NOTICE.

IN this edition of the Directory, all names which have been heard from since the last edition are followed by an (*). In the American portion of the Directory, names which are followed by an (?) have not replied to the blanks sent them for at least two years, and all such will be dropped from the next edition of the work, unless heard from in the meantime. Names which are not followed by an (*) or an (?) are, without doubt correct, but have failed to reply to the last blanks sent to their address.

For convenience, an index has been placed in the front of the book, and the list of abbreviations will be found immediately following the index.

The foreign portion of this edition of the Directory may be regarded more as an exchange list, as it contains only the names of parties who have responded to the letters sent them. The American portion of the book is believed to be more complete than any previous edition.

All changes of address should be reported to the editor at Boston, Mass., for future editions.

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ABBREVIATIONS.

| | |
|------------------------------|-----------------------------------|
| Acad., Academy. | Dist., Distribution. |
| Agric., Agriculture. | Econ., Economic. |
| Ala., Alabama. | Elect., Electricity. |
| Am., American. | Emb., Embryology. |
| Anat., Anatomy. | Ent., Entomology. |
| Analyt., Analytical. | Esp., Especially. |
| Anth., Anthropology. | Eth., Ethnology. |
| Antiq., Antiquities. | Ethnog., Ethnography. |
| Arach., Arachnida. | Ex., Exchange. |
| Arch., Archæology. | Fla., Florida. |
| Ariz., Arizona. | Ga., Georgia. |
| Ark., Arkansas. | Gen., General. |
| Ast., Astronomy. | Geog., Geographical. |
| Asst., Assistant. | Geol., Geology. |
| Biol., Biology. | Held., Helderberg. |
| Bot., Botany. | Hemipt., Hemiptera. |
| Bryol., Bryology. | Herpetol., Herpetology. |
| C., Collection. | Histol., Histology. |
| Cal., California. | Hort., Horticulture. |
| Carab., Carabidæ. | Hymenop., Hymenoptera. |
| Carb., Carboniferous. | Ia., Iowa. |
| Ceram., Cerambycidæ. | Ichth., Ichthyology. |
| Chem., Chemistry. | Ill., Illinois. |
| Cicind., Cicindelidæ. | Ind., Indiana. |
| Cin., Cincinnati. | Invert., Invertebrates. |
| Colo., Colorado. | Inorg., Inorganic. |
| Coleopt., Coleoptera. | Inst., Institute. |
| Coll., College. | Kan., Kansas. |
| Comp., Comparative. | Ky., Kentucky. |
| Con., Conchology. | L., Lower. |
| Conn., Connecticut. | La., Louisiana. |
| Crypt., Cryptogamic. | L. & F. W., Land and Fresh Water. |
| Crystall., Crystallography. | Lepid., Lepidoptera. |
| Cur., Curator. | Lithol., Lithology. |
| Cus., Custodian. | M., Marine. |
| Dak., Dakota. | Mam., Mammalogy. |
| D. C., District of Columbia. | Mass., Massachusetts. |
| Del., Delaware. | Math., Mathematics. |
| Dept., Department. | Md., Maryland. |
| Devon., Devonian. | Me., Maine. |
| Dipt., Diptera. | Med., Medical. |
| Dir., Director. | Meteo., Meteorology. |

- | | |
|------------------------------|--------------------------------|
| Met., Metallurgy. | Phil., Philosophy. |
| Mic., Microscopy. | Photog., Photography. |
| Mich., Michigan. | Phys., Physics. |
| Min., Mineralogy. | Piscol., Piscology. |
| Minn., Minnesota. | Pres., President. |
| Miss., Mississippi. | Prof., Professor. |
| Mo., Missouri. | R. I. Rhode Island. |
| Moll., Molluscs. | S. C., South Carolina. |
| Mont., Montana. | Sec., Secretary. |
| Mus., Museum. | Sci., Science. |
| Nat. Hist., Natural History. | Sil., Silurian. |
| N. C., North Carolina. | So., Southern. |
| Neb., Nebraska. | Soc., Society. |
| Neuropt., Neuroptera. | Sp., Species. |
| Nev., Nevada. | Spec., Specimens or Specialty. |
| N. H., New Hampshire. | Strat., Stratigraphical. |
| Niag., Niagara. | Surv., Survey. |
| N. J., New Jersey. | Syst., Systematic. |
| N. M., New Mexico. | Tax., Taxidermy. |
| N. Y., New York. | Tech., Technical, Technology. |
| O., Ohio. | Tenn., Tennessee. |
| Obs., Observatory. | Tex., Texas. |
| Ool., Oology. | U., Upper. |
| Ophthal., Ophthalmology. | Univ., University. |
| Ore., Oregon. | Va., Virginia. |
| Org., Organic. | Vasc., Vascular. |
| Orn., Ornithology. | Veg., Vegetable. |
| Orthopt., Orthoptera. | Vert., Vertebrates. |
| Osteol., Osteology. | Vt., Vermont. |
| Palæo., Palæontology. | Wis., Wisconsin. |
| Pathol., Pathological. | W. T., Wyoming Territory. |
| Penn., Pennsylvania. | W. Va., West Virginia. |
| Phæn., Phænogamic. | Zool., Zoology. |
| Philol., Philology. | |

THE NATURALISTS' DIRECTORY.

UNITED STATES AND CANADA.

An asterisk (*) indicates that parties have been heard from since issue of last Directory. Names followed by a question mark (?) have not been heard from for three years and will be dropped from next edition.

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 1909 Hambach, G., M.D., Prof. Washington Univ., 1319 Lami St., St Louis, Mo. *Palæo., Bot.* C. Ex. fossils and minerals.*
 1910 Hamblin, Floyd, Mohawk, N. Y. *Min., Geol., Arch., Numismatics.* C.*
 1911 Hamel, Thomas E., M.A., F.R.S.C., Prof. Faculty of Arts, Laval Univ., Quebec, Can. *Nat. Phil.**
 1912 Hamill, Alex., M.D., Baldwinsville, N. Y. *Arch.* C. Ex.*
 1913 Hamilton, C. W., Brimfield, Ill. *Gen. Nat. Hist.* C. Ex.*
 1914 Hamilton, Edwin H., Petersburg, Ill. *Ool., Arch., Nat. Hist.?*
 1915 Hamilton, Hugh, M.Sc., M.D., 212 S. 2d St., Harrisburgh, Pa. *Chem., Geol.* C.*
 1916 Hamilton, John, M.D., 18 Ohio St., Allegheny, Pa. *Coleopt.* C. Ex.*
 1917 Hamilton, Leonidas Le Cenci, 6 James St., Franklin Sq., Boston. *Bot.: Fungi, Algæ, Diatoms, Palæo., Geol., Min., Crystall., Org. and Inorg. Chem., Phys., Elect., Meteor., Ast., Zool., Gen. Biol., Emb., Anth., Arch., Phil.*
 1918 Hamlin, Augustus C., M.D., Bangor, Me. *Palæo., Geol., Min., Crystall., Chem., Metall., Arch., Eth.* C.*
 1919 Hamlin, D. A., Training School, Boston, Mass. *Bot., Mic.**
 1920 Hamlin, F. M., M.D., Auburn, N. Y. *Mic., Con.* C. Ex. Bermuda and W. I. sea-shells in ex. for Land and Marine shells. Also mic. objects generally.*
 1921 Hampson, John J., 71 Cutler St., Newark, N. J. *Ent., Lepid.* Ex.*
 1922 Hampton, C. J., Junius, Seneca Co., N. Y. *Orn., Min., Moll., Tax., Mam.* C.*
 1923 Hanaman, C. E., F.R.M.S., 103 First St., Troy, N. Y. *Biol., Histol.* C.*
 1924 Hancock, E. M., Waukon, Ia. *Orn.*
 1925 Hancock, Ellwood, Burlington, N. J. *Min.* C.*
 1926 Hancock, Dr. Joseph L., 3120 Vernon Ave., Chicago, Ill. *Orn., Zool., Biol.**
 1927 Hanham, A. W., care of Bank of British North America, Hamilton, Ont., Canada. *Lepid., Coleopt., Molluscs.* C. Ex.*

- 1928 Hanke, Henry C., Minneapolis, Minn. *Orn., Ool. C. Ex.*
- 1929 Hankenson, E. L., Newark, Wayne Co., N. Y. *Bot.: Salices, Carices. C. Ex. local for other plants.**
- 1930 Hanks, Henry G., F.G.S., 718 Montgomery St., San Francisco, Calif. *Ex.**
- 1931 Hanna, George B., Ass't Assayer U. S. Assay Office, Charlotte, N. C. *Min. Engineering, Met. and Min., Chem. C.*
- 1932 Hanna, H. W., Warsaw, Ind. *Palæo., Geol., Min., Con., Arch. C. Ex.?*
- 1933 Hannum, Frank A., Easthampton, Mass. *Orn., Ool., Bot. C.*
- 1934 Hanson, James F., Fremont, Neb. *Bot., Geol.**
- 1935 Harbison, W. F., Spencerville, Allen Co., Ohio. *Arch., Geol., Moll., Palæo. C. Ex.**
- 1936 Harbron, George, P. O. Box 1881, Hamilton, Ohio. *Orn., Tax. Ex.**
- 1937 Hard, Geo. M., 192 Broadway, New York, N. Y. *Bot., Horticulture.**
- 1938 Hard, M. E., M.A., Supt. Pub. Instruction, Gallipolis, O. *Geol., Min., Crystall., Lithol. C. Ex.**
- 1939 Hardaway, Robert A., Prof. of Civil and Mining Engineering, University of Alabama, Tuscaloosa, Ala. *Engineering.**
- 1940 Harden, Edw. B., M.E., Ass't Geol. Surv. Pa., 907 Walnut St., Phila., Pa. *Struct. Geol., Geol. models, Inorg. Chem., Photog.**
- 1941 Harden, John H., M.E., Phoenixville, Pa. *Expert in Min. Eng. C. Ex.**
- 1942 Harden, Oliver B., Asst. Geol., Penn. State Survey, Room 18, 4th floor, P. O. Building, Phila., Pa. *Stenographer, Strat. Geol.**
- 1943 Hardin, Robert A., M.D., Cor. 5th Ave. and Russell St., Nashville, Tenn. *Mic., Zool., Gen. Biol. C. Ex.*
- 1944 Hardy, Arthur S., Ph.D., Dartmouth Coll., Hanover, N. H. *Math.*
- 1945 Hardy, E. R., 420 Congress St., Portland, Me. *Mam., Orn., Reptiles. C.?*
- 1946 Hardy, Manly, Brewer, Me. *Orn. C. Ex.*
- 1947 Hare, Sidney J., C.E., 2415 E. 18th St., Kansas City, Mo. *Palæo., Ent., Min., Geol., Arch. Collector and exchanger for Washington Park Museum, Kansas City, Mo.**
- 1948 Haren, Wm. A., 1326 Hickory St., St. Louis, Mo. *Mic., Ast., Elect., Phys.**
- 1949 Hargrave, C., Sec. of the Central Normal Coll., Danville, Ind. *Land and Fresh Water Shells a specialty, Mic., Diatoms. C. Ex.**
- 1950 Hargreaves, H. B., Box 19, Garnerville, Rockland Co., N. Y. *Mic.: Sections of wood. C. Ex.?*
- 1951 Harkness, Chas. W., Elmwood, Peoria Co., Ill. *Geol., Lithol., Chem. C. Ex.?*
- 1952 Harkness, H. W., M.D., Pres. Calif. Academy of Science, San Francisco, Calif. *Micros., Fungi. C.**
- 1953 Harkness, Prof. William, U. S. N., Naval Observatory, Washington, D. C. *Ast.**

- 1954 Harn, E. H., Box 51, Blairsville, Pa. *Min., Geog. Dist., Radiates, Moll., Land and Fresh Water Shells a specialty.* C. Ex.*
- 1955 Harper, Charles Asbury, 499 Gilbert Ave., Cincinnati, Ohio, Ass't Prof. of Chem, Cincinnati Coll. of Pharmacy. *Chem.**
- 1956 Harper, D. N., Ph.B.; Chemist, St. Anthony Park, Minn. *Strat. and Phys. Geol., Min., Crystall., Lithol., Org. and Inorg. Chem.* C. Ex.*
- 1957 Harper, Esmonde, 2035 Wallace St., Philadelphia, Pa. *Orn., Ool.* C. Ex.*
- 1958 Harper, E. T., Port Byron, Ill. *Bot.**
- 1959 Harper, George W., Principal Woodward High School, Cincinnati, Ohio. *Geol., Con., Palæo.* C. L. Sil. fossils and F. W. and L. Shells of Ohio, Ky. and Tenn. for ex.*
- 1960 Harper, H. W., Ph.G., 514 Main St., Fort Worth, Texas. *Strat. and Phys. Geol., Min., Org. and Inorg. Chem., Mic.* Student of Gen. Biol., Anth., Hist.*
- 1961 Harr, W. H., Att'y at Law, Hamilton, Butler Co., O. *Arch., Geol., Palæo.* C. Ex.
- 1962 Harriman, M. C., Elizabeth, N. J. *Min., Orn., Ent., Photography.* C. Ex.
- 1963 Harring, Wm., 523 Clay St., San Francisco, Calif. *Lepid. C.* Ex. and purchase.?
- 1964 Harrington, B. J., B.A., Ph.D., Prof. Chem. and Min., McGill College, Montreal, Can. *Min.* C. Ex.*
- 1965 Harrington, Charles, M.D., Instructor in Hygiene and Ass't Chem., Harvard Med. Coll., Boston, Mass. *Med. Chem., Tox. and Hygiene.*
- 1966 Harrington, M., York Centre, Iowa Co., Ia. *Ool.* C. Ex.
- 1967 Harrington, Prof. Mark W., Dir. of Obs., Ann Arbor, Mich. *Ast., Meteo.*
- 1968 Harrington, W. Hague, P. O. Dept., Ottawa, Can. *Ent.: Coleoptera, Hymenoptera.* C.*
- 1969 Harris, DeWitt S., Burlington, Kit Carson Co., Colo. *Mic., Arch., Ent.* C. Ex.*
- 1970 Harris, Elijah P., Ph.D., Prof. Chem., Amherst Coll., Amherst, Mass.
- 1971 Harris, Geo. F., F.C.C.S., Prof. of Chemistry and Metallurgy, Chicago College of Science, Chicago, Ill.*
- 1972 Harris, Gilbert D., Ph.B., Ass't Geol. Survey, Russellville, Ark. *Invert., Lithol., Molluscs, Geol., Palæo.* C. Ex.*
- 1973 Harris, I. H., Waynesville, Ohio. *Geol., Palæo., Arch.* C. Ex.*
- 1974 Harris, Thaddeus W., Instructor in Geol., Harvard College, Divinity Hall, 40, Cambridge, Mass. *Strat. and Physical Geol.**
- 1975 Harris, Thos. C., Cur. N. C. Geol. Museum, Dept. Agric., Raleigh, N. C. *Min., Phys., Elect., Photog.**
- 1976 Harrison, Edwin, B.S., St. Louis, Mo. *Geol.**
- 1977 Harrison, Frank S., Princeton, Ill. *Bot., Geol., Arch., Periodicals and Newspapers.* C. Ex.*
- 1978 Harrison, J. B., Franklin Falls, N. H. *Bot., Geol.* C. Ex.*

- 1979 Harrison, Wm. G., M.D., 26 Mt. Vernon Place, Baltimore, Md. *Mic., Biol.**
- 1980 Harrod, P., M.D., Avon, Fulton Co., Ill. *Ool. C. Ex.*
- 1981 Hart, Charles A., Champaign, Ill. *Ent., Bot., Con. C. Ex. in Ent.**
- 1982 Hart, Dr. C. P., Wyoming, Ohio. *Biol., Alienist and Neurologist.**
- 1983 Hart, Edward, Ph.D., Prof. Chem., Easton, Pa. *Chem.**
- 1984 Hartman, Walter, Belleville, Ontario, Can. *Orn., Tax. C. Ex.*
- 1985 Hartman, W. D., M.D., Westchester, Pa. *Con. C.**
- 1986 Hartmann, Leopold, Hockley, Harris Co., Texas. *Ent.*
- 1987 Hartwell, Samuel, Lincoln, Mass. *Hort.**
- 1988 Hartzell, L. B., Harper, Harper Co., Kan. *Orn., Ool. C. Ex.?*
- 1989 Hartzler, Prof. J. C., Newark, O. *Arch., Geol., Palæo.?*
- 1990 Harvey, F. L., B.S., Prof. Biology and Geology, Orono, Me. *Bot., Zool., Geol., Min. C. Ex.**
- 1991 Harvey, Leon F., M.D., Buffalo, N. Y. *Lepid. C.*
- 1992 Harvey, Rev. Moses, St. Johns, Newfoundland. *Cephalopoda, Geol., Palæo.**
- 1993 Harvey, William, Bradford, Stark Co., Ill. *Bot. C.**
- 1994 Hasbronck, Edwin M., U. S. Geol. Survey, Washington, D. C. *Mam., Orn., Ool. C. Ex.**
- 1995 Haskell, Charles H., Holland Patent, Oneida Co., N. Y. *Palæo., Min. C. Ex. fossils from Utica slate for fossils or fine minerals.**
- 1996 Haskins, J. P., Proprietor Saratoga Co. Mus. of Nat. Hist., containing the fauna of the western part of the United States, and ten tons of fossils and minerals, all for sale, Saratoga Springs, N. Y. *Geol., Min., Arch., Palæo. C. Ex.**
- 1997 Haslam, Rev. Geo. E., M.A., Trinity College, Toronto, Can. *Bot., Geol., Zool. C. Ex.?*
- 1998 Hasse, H. E., M.D., Soldiers' Home, Los Angeles Co., Calif. *Bot. C. Ex.**
- 1999 Hassler, Ferdinand A., M.D., Ph.D., Santa Ana, Orange Co., Calif. *Phæn. Bot., Geog. Dist., Mollusca. C.**
- 2000 Hastings, Wm. N., Rochester, Strafford Co., N. H. *Desmids, Mic., Pathol. C.**
- 2001 Hatch, C. C., Community, N. Y. *Orn. C. Ex.*
- 2002 Hatch, Delos, Oak Centre, Wis. *Orn. C. Ex. birds' eggs and skins for same, and mins., shells, etc.**
- 2003 Hatch, James H., D.D.S., 213 Geary St., San Francisco, Calif. *Diatoms, Mic., Hist.**
- 2004 Hatch, P. L., M.D., Minneapolis, Minn. *Mic., Orn.**
- 2005 Hatch, S. R., Milford, Mass. *Diatoms, Min., Mic., Photog., Infusoria, Electricity. C. Ex.?*
- 2006 Hatch, W. H., Moline, Ill. *Bot. C. Ex.**
- 2007 Hathaway, H. S., 248 Elmwood Ave., Providence, R. I. *Min., Orn., Ool., Zool., Ent. C. Ex.**

- 2008 Hathaway, T. F., So. Parish, Oxford Co., Me. *Bot. : Woods a specialty.* C. Ex.?
- 2009 Hawkes, Wm. H., B.A., M.D., 734 17th St., N. W., Washington, D. C. *Philology, Arch., Anthropology.**
- 2010 Hawkins, Hiram B., Box 893, Oneonta, Otsego Co., N. Y. *Min., Ent. : Lepid., Coleopt.* C. Ex.*
- 2011 Hawkins, James, 212 So. Leavitt St., Chicago, Ill. ?
- 2012 Hawkins, Thomas H., M.D., Denver, Colo. *Physiol.**
- 2013 Hawley, Geo. D., Augusta, Hancock Co., Ill. *Palæo., Geol., Min., Ent.* C. Ex.*
- 2014 Hawley, Geo. P., Round Grove, Whiteside Co., Ill. *Geol., Min., Elect., Arch., Eth., Tax.* C. Ex.*
- 2015 Hawley, Mrs. Helen D., Round Grove, Whiteside Co., Ill. *Bot. : Ferns, Mosses, Algæ, Geol., Palæo., spec. Arch., Min., Crystall., Ethnol.* C. Ex.*
- 2016 Hawley, Rev. R. E., M.A., Washington, Ind. *Indian Relics, Cin. and Carb. Fossils and Goniatites.* C.
- 2017 Haworth, Alphonso, Mayport, Fla. *Marine Shells.* C. Ex.*
- 2018 Hay, George U., St. John, N. B., Can. *Bot. : Ferns, Fungi, Algæ.**
- 2019 Hay, J. Marley, F.S.A. Scot., 912 Sixth Ave., New York, N. Y. *Arch.?*
- 2020 Hay, O. P., Prof. Nat. Hist., Butler Univ., Indianapolis, Ind. *Comp. Anat., Fishes, Batrachians, Reptiles, Crustacea.* C. Ex.*
- 2021 Hay, Robert, Geologist, Junction City, Kansas. *Geol., Lith.* C. Would like to sell.
- 2022 Hayden, Everett, Hydrographic Office, Navy Dept., Washington, D. C. *Marine Meteo.**
- 2023 Hayden, Rev. Horace Edwin, M.A., Wilkes-Barré, Pa. *Bibliog., Arch., Numismatics.* C. Ex.*
- 2024 Hayden, N. W., Windsor, Hartford Co., Ct. *Bot.* C.
- 2025 Haydon, Walton, F.R.G.S., East Selkirk, Manitoba. *Diurnal Lepid., Bot., Folk Lore of American Indians?*
- 2026 Hayes, C. W., Geological Survey, Washington, D. C. *Geol., Chem.**
- 2027 Hayes, Charles E., cor. Main and Dyre Sts., Frankford, Philadelphia, Pa. *Orn., Ool.* C. Ex.?
- 2028 Hayes, Prof. E. A., Randolph, N. Y. *Geol., Min., Phys., Ast.* C. Ex.?
- 2029 Haynes, Prof. Henry W., 289 Beacon St., Boston, Mass. *Arch.*
- 2030 Haynes, Hiram, Taxidermist, 4 Caulkins Ct., Water St., Lawrence, Mass. *Orn., Herpetol., Tax., Ent.* C.*
- 2031 Hays, Willet M., Asst. in Agric. in Minn. Univ. and Exper. Station, St. Anthony Park, Minn. *Bot., Hort., Mic.**
- 2032 Hayt, H. W., Med. Electrician, Lowville, N. Y. *Mam., Orn.* C. Ex.
- 2033 Hayward, Roland, 346 Marlboro St., Boston, Mass. *Ent. : Coleopt.* C. Ex.*
- 2034 Hazard, Fred'k R., Syracuse, N. Y. *Min., Inorg. Chem.* C. Ex.*

- 2035 Hazard, John N., Peace Dale, R. I. *Analyt. Chem.**
- 2036 Hazard, Willis P., West Chester, Chester Co., Pa. *Agric., Mic., Bibliog., Zool., Gen. Biol., Mammals, Orn.**
- 2037 Hazen, Henry Allen, A.M., Washington, D. C. *Meteorol., Elect., Ast.**
- 2038 Hazen, Levi, West Hartford, Vt. *Min. C.**
- 2039 Head, W. R., Chicago, Ill. *Spongiadae*. Examples for determination and classification, promptly returned free of expense.
- 2040 Heading, Alice J., Peoria, Ill. *Bot. C. Ex.**
- 2041 Heath, Geo. F., M.D., Monroe, Mich. *Geol., Min., Mic., Photog., Arch.*
- 2042 Hecox, Laura J. F., Santa Cruz, Calif. *Con. C. Calif. shells in ex. for L. and F. W. shells and fossils.**
- 2043 Hedge, Fred'k H., jr., Public Library, Lawrence, Mass. *Bot.**
- 2044 Hedges, Sidney M., 53 Devonshire St., Boston, Mass.*
- 2045 Hedley, Carl W., Medina, N. Y. *Ool. C. Ex.**
- 2046 Hedley, Chas. H., Medina, N. Y. *Ex. Orn., Ool., Tax.* Foreign correspondence solicited.*
- 2047 Hedley, W. Edgar, Medina, N. Y. *Orn., Ool. Buy, sell orex.**
- 2048 Helghway, A. E., M.D., Beaufort, S. C. *Chem., Geol.**
- 2049 Helghway, S. C., 88 W. 7th St., Cincinnati, Ohio. *Relics. C. Ex.*
- 2050 Heilprin, Angelo, Prof. Invert. Palæo. and Curator-in-charge, Acad. Nat. Sci., Philadelphia, Pa. Prof. Geol., Wagner Free Inst. of Sci.
- 2051 Heltzmann, Dr. Carl, 39 W. 45th St., New York City, N. Y. *Biol., Mic., Dermatol.**
- 2052 Heltzmann, Louis, M.D., 39 West 45th St., New York, N. Y. *Fungi, Mic., Gen. Biol., Morph., Hist.**
- 2053 Helme, James W., jr., Adrian, Mich. *Orn., Tax. C.**
- 2054 Helmuth, Dr. Carl A., 213 Chicago Ave., Chicago, Ill. *Zool., Bot., Mic.*
- 2055 Hemphill, Henry, San Diego, Calif.
- 2056 Henderson, Rev. Chas. R., Detroit, Mich. *Ent.**
- 2057 Henderson, George A., Decatur, Ill. Manufacturer of Scientific Instruments and novelties.
- 2058 Henderson, J. L., M.D., Osceola Mills, Clearfield Co., Pa. *Mic., Bibliog., Orn., Ent.: esp. Lepid. C. Ex.**
- 2059 Henderson, Louis F., 469 7th St., Portland, Ore. *Bot. C. Ex.**
- 2060 Henning, Carl Fritz, Boone, Boone Co., Iowa. *Orn., Ool., Tax. C. Ex.**
- 2061 Henning, Rev. Joseph C., S.S.R., St. Patrick's Church, Toronto, Ont., Can. *Org. and Inorg. Chem., Mic., Photog.**
- 2062 Henry, Joseph, P. O. Box 735, Salina, Kan. *Bot., Hort., Grasses of the World, Ferns and Mosses. C. Ex.*
- 2063 Henry, W. A., Prof. Agric., and Director Exper. Station, Univ. Wisconsin, Madison, Wis.*
- 2064 Henshall, J. A., M.D., Sec. Cincinnati Soc. Nat. Hist., 108 Broadway, Cincinnati, Ohio. *Ichth.**
- 2065 Henshaw, H. W., Smithsonian Institution, Washington, D. C. *Orn., Eth. C. Ex.*

- 2066 Henshaw, Samuel, Cambridge, Mass. *Ent. : Orthop., Coleopt., Myriapoda.**
- 2067 Hensoldt, H., Ph.D., School of Mines, Columbia College, New York, N. Y. Microscopical structure of Meteorites and petrographical philosophy in general. Collects and exchanges Meteorites esp. Stone-Meteorites, Sections of minerals and rocks. Interesting rock materials wanted.*
- 2068 Herbert, W. S. B., Weare, N. H. *Mic., Ent. : Coleopt.**
- 2069 Hermann, Henry W., M.D., No. 327 N. Jefferson Ave., St. Louis, Mo. *Elect., Mic., Anat., Histol.**
- 2070 Herpers, Henry, 18 Crawford St., Newark, N. J. *Ent. : Lepid. C. Ex.**
- 2071 Herrick, C. L., M.S., Prof. Geol. and Nat. Hist., in the Univ. of Cincinnati, 12 Mason St., Mt. Auburn, Cincinnati, Ohio. Desires literature of the Palæontology of Sub-carboniferous and of the Brain.*
- 2072 Herrick, Francis H., Adelbert College, Cleveland, Ohio. *Animal Morphology, Crustacea.**
- 2073 Herrick, Harold, Lawrence, Queens Co., N. Y. *Orn. C.*
- 2074 Herrmann, Richard, Dubuque, Ia. *Geol., Palæo., Min., Arch. C. Ex.**
- 2075 Herron, R. B., Colton, San Bernardino Co., Calif. *Mam., Ool. Orn., Tax.* C. Large collection of Calif. birds. Desires to ex. for game birds of N. A.
- 2076 Herron, W. M., M.D., 165 Robinson St., Allegheny City, Pa. *Phys., Mic., Spectroscopy, Ast.*
- 2077 Hervey, Rev. A. B., Ph.D., Pres. St. Lawrence Univ., Canton, N. Y. *Mic., Crypt. Bot., Marine Algae in particular. C. Ex.**
- 2078 Herzer, Rev. H., Berea, Ohio. *Palæo., Geol. C. Ex.**
- 2079 Hess, John, 311 W. Kinney St., Newark, N. J. *Coleopt.*
- 2080 Heuser, H. J., Chemist and Druggist, Wytheville, Wythe Co., Va. *Antiquities, Geol., Min. C. Ex.*
- 2081 Hewitt, J. N. B., Bureau of Ethnology, Washington, D. C. *Philol.**
- 2082 Hewston, George, Prof., A.M., M.D., 1132 Sutter St., San Francisco, Calif. *Zool., Orn., Ool., Radiates, Sponges, Protozoa, Ichthyology. C. Ex.**
- 2083 Hexamer, F. M., M.D., New Rochelle, N. Y. *Bot.*
- 2084 Heyd, Ira, North Bristol, Trumbull Co., Ohio. General Collector. *C. Ex.**
- 2085 Heyer, W. D., 101 Pearl St., Elizabeth, N. J. *Phys., Ast.**
- 2086 Heys, Thomas, Toronto, Canada. *Bot., Min., Chem.**
- 2087 Heyward, James S., A.M., Prof. Nat. Sci., State Agric. Coll., Orangeburg, S. C.
- 2088 Hibbard, William N., Hyde Park, Ill. *Coleopt. C.?*
- 2089 Hickman, John Bale, Watsonville, Santa Cruz Co., Calif. *Tax., Phæn. Bot., Ferns. Hort., Mic., Ool., Ent. C. for sale.**
- 2090 Hicks, Gilbert H., Owosso, Mich. *Bot., Gen. Biol. C. Ex.* plants of Northern and Central Mich. for those of other localities. Carices and Salices esp. desired. Correspondence solicited on botanical subjects.

- 2091 Hicks, Prof. L. E., Lincoln, Nebraska. *Strat. Geol., Palæo. C. Ex.**
- 2092 Hicks, Milton A., Weathersfield, Windsor Co., Vt. *Bot., Geol., Min. C. Minerals only. Ex. Desires fossils, minerals, palæolithic and neolithic relics.**
- 2093 Hidden, Wm. Earl, 25 Orleans St., Newark, N. J., and Hildenite, Alexander Co., N. C. *Min., Crystall., Gems. C. Ex. Meteorites and ores of the "rare earths" espec. desired.**
- 2094 Higgins, Sam'l, Susquehanna, Pa. *Metall., Elect., Phys., Geol.?*
- 2095 Higginson, Charles M., care C. B. & Q. R. R., Chicago, Ill. *Min. C. Ex.**
- 2096 Hight, R. F., Bloomington, Ind. *Bot., Phæn. and Crypt. Plants, Ferns, Mosses, Fungi, Lichens, Algæ, Min., Lithol., Gen. Biol., Zool., Vert. and Invert. Anat., Vert. Mam., Orn., Osteol.**
- 2097 Higley, Wm. K., Prof. Bot., Northwestern Univ., Department of Pharmacy, 40 Dearborn St., Chicago, Ill. *Bot. C.**
- 2098 Hildebrand, Charles, Yale Coll., 34 Chestnut St., New Haven, Ct. *Math.?*
- 2099 Hilgard, Eug. W., Prof. of Agric. Chem. and Director Calif. Experiment Station, Univ. of Calif., Berkeley, Calif. *Agric. Chem., Geol. C. in Bot.**
- 2100 Hill, Alfred J., 406 Maria Ave., St. Paul, Minn. *Geog., Cartog., Anth.**
- 2101 Hill, Alonzo E., Norwich, Ct. *Orn., Tax., Ent. Desires foreign skins for native. C. Ex.*
- 2102 Hill, Chas. B., Ass't Astronomer, Secretary and Chairman, Lick Observatory, Mount Hamilton, via San José, Calif. *Ast.**
- 2103 Hill, Chas. S., Washington, D. C. *Political Economy, Geol., Min., Metall., Phys., Anth. C. Ex.?*
- 2104 Hill, Edwin A., New Haven, Ct. *Min., Mic. C. Ex.?*
- 2105 Hill, Rev. E. J., 7100 Dickey St., Englewood P. O., Chicago, Ill. *Bot.: Phæn. Plants, Ferns, Mosses, Veg. Palæo., and Strat. Geol. C.**
- 2106 Hill, F. A., Prin. English High School, Cambridge, Mass. *Am. Arch.**
- 2107 Hill, Frank A., Geologist and Mining Engineer, 208 South Centre St., Pottsville, Pa.
- 2108 Hill, Franklin C., Box 338, Princeton, N. J. *Geol., Ent.*
- 2109 Hill, Frederick A., P. O. Box 155, Valley Falls, R. I. *Chem., Bot., Mic., Phys., Phil.**
- 2110 Hill, G. W., Nautical Almanac Office, Navy Dept., Washington, D. C. *Bot., Ast., Math.**
- 2111 Hill, Henry B., Prof. Chem., Harvard College, Cambridge, Mass.?
- 2112 Hill, Herbert M., A. M., Prof. of Chem. and Toxicology, Univ. of Buffalo, Buffalo, N. Y. *Chem., Mic. C. Ex.**
- 2113 Hill, Homer D., Morris, Ill. *Palæo., Geol., Min., Arch. Dealer in fossils and min. Buys, sells and exchanges.**

- 2114 Hill, J. Stewart, M.D., 151 Lake St., Elmira, N. Y. *Orn.* C.*
 2115 Hill, Louis C., Box 2593, Ann Arbor, Mich. *Tax.* C. Ex.?
 2116 Hill, Lucy A., Belmont, Mass. C.
 2117 Hill, Rev. Winfield E., East Liverpool, Ohio. *Bot.*: *Phæn. and Crypt. Plants, Ferns, Mosses, Orn., Ool.*
 2118 Hill, Rev. W. K., A.M., Prof. Phys. and Nat. Sci., Carthage Coll., Carthage, Ill.*
 2119 Hillebrand, W. F., Geological Survey, Washington, D. C. *Chem., Min.**
 2120 Hiller, Chas. A., A.M., Salina, Kan. *Elect., Ast.*?
 2121 Hiller, P. C., Conestoga, Lancaster Co., Pa. *Arch.* C. Ex. 5th Annual Report, Bureau of Ethnology, and Geol. Reports, U. S. and Indian Relics for Indian Relics from other localities to ex. Correspondence solicited.*
 2122 Hills, W. Durand, Odin, Marion Co., Ill. *Ool., Hort., Pomology.* C. Ex.*
 2123 Himes, Charles F., Ph.D., Prof. Phys., Dickinson Coll., Carlisle, Pa. *Phys., Chem., Photog.**
 2124 Himes, Isaac N., M.D., Prof. Med. Coll. of West Reserve Univ., Cleveland, Ohio. *Pathol. and Morbid Anat.**
 2125 Hindman, Wm., P. O. Box 366, La Salle, Ill. *Palæo., Geol., Min., Anat., Moll., Radiates, Protozoa.* C. Ex.?
 2126 Hinds, J. I. D., A.M., C.E., Ph.D., Prof. Chem. and Biology, Cumberland Univ., Lebanon, Tenn. *Chem., Geol., Bot.**
 2127 Hinds, Wm. A., Community, Madison Co., N. Y. *Bot.* C.
 2128 Hindshaw, Henry H., B.S., Professor of Taxidermy and Curator of Museum, Chicago College of Science, Chicago, Ill.*
 2129 Hinkley, A. A., Dubois, Washington Co., Ill. *L. and F. W. and Marine Shells.* C. Ex.*
 2130 Hinkley, Holmes, 14 Kirkland Place, Cambridge, Mass. *Ent.*: *Lepid.* Ex.
 2131 Hinman, Chas. D., Columbus Savings Bank Co., Box 600, Columbus, Ohio. *Anat., Zool., Orn., Ool.* C. Ex.
 2132 Hinman, C. W., S.B., 32 Hawley St., Boston, Mass. *Chem.* Gas Inspector for Mass.*
 2133 Hinrichs, G., A.M., M.D., LL.D., Permanent address Iowa City, Ia. Prof. Chem., St. Louis College of Pharmacy, St. Louis, Mo. (winter address). *Meteo., Director Iowa weather service.**
 2134 Hinton, J. H., New York Acad. of Sciences, New York, N. Y.
 2135 Hiscox, Gardner D., 125 Willoughby Ave., Brooklyn, N. Y. *C. and M. Eng., Ast., Geol., Physical Sciences, Mic.**
 2136 Hitchcock, A. M., Williamstown, Mass. *Mam., Vert.*
 2137 Hitchcock, A. P., Norwich, Ct. *Min., Crystall., Lithol.**
 2138 Hitchcock, A. S., M.S., Asst. in the Missouri Botanical Garden (Shaw's Garden), St. Louis, Mo. *Bot.*: *Phæn. Plants, Parasites, Fungi.* C. Ex.*
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- California State Geological Society, San Francisco. Incorporated, Dec. 30, 1876. Henry G. Hanks, Pres.; S. Heydenfeldt, jr., Sec. Annual Meeting, first Monday in December.
- Geographical Society of the Pacific, San Francisco.?
- San Diego Lyceum of Natural Sciences. Organized, June, 1873. Robert J. Gregg, M.D., Pres.; George N. Hitchcock, Cor. Sec.?
- San Diego Society of Nat. Hist. Organized Nov. 2, 1874. Geo. D. Cleveland, Pres.; Dr. H. W. Gould, Cor. Sec. Library and Collection.*
- San Francisco Microscopical Society, Rooms 120 Sutter St., Address Box 2244. E. J. Wickson, Pres.; Dr. C. P. Bates, Rec. Sec. Cabinet and Library.*
- Santa Barbara Society of Natural History. Organized, Nov. 25, 1876. H. C. Ford, Pres.; Lorenzo G. Yates, Cor. Sec. Museum and Library.*

CANADA.

- Canadian Institute, Toronto. Alan Macdougall, C.E., F.R.S.E., M. Inst. C.E., Sec. Library and Publishes Proceedings.*
- Entomological Society, London, Ontario. Rev. C. J. S. Bethune, Port Hope, Ont., Pres.; W. E. Saunders, London, Ont., Sec. and Treas.*
- Hamilton Association, Hamilton, Ontario. Established 1857. Literary and Scientific. Museum. Library. Publishes Transactions. Exchange. B. E. Charlton, Pres.; Harry B. Wilton, B.A., Cor. Sec.*
- Kentville Naturalists' Club, Kentville, N. S. Col. L. DeV. Chipman, Pres.; A. J. Pineo, A.B., Sec. Forty-five Members. Library, Museum, Monthly Meetings and Summer Excursions
- Murchison Scientific Society, Belleville, Ont. Organized, 1873. Thos. Wills, Pres.; R. D. D. Massy, Cor. Sec. Annual Meeting, second Monday in September.
- Naturalist History Society, Montreal. Dr. Dawson, Pres.; Dr. Edwards, Sec. Collection. Publishes the "Canadian Naturalist and Geologist."

- Natural History Society of Toronto. James H. Pearce, Pres.; W. E. Middleton, Rec. Sec.; S. Hollingsworth, Cor. Sec. Collections. Library.
- Nova Scotia Institute of Natural Science, Halifax. Prof. J. Somers, M.D., F.R.M.S., Pres.; Prof. D. Honeyman, D.C.L., F.R.S. Can., Sec.
- Ottawa Field Naturalists' Club, Ottawa. Organized, March, 1879. H. Beaumont Small, M.D., Pres.; W. H. Harrington, Sec. Publishes Transactions.
- Ottawa Literary and Scientific Society, Ottawa. Organized, 1869. A. B. Small, Pres.; F. K. Bennetts, Sec.*

COLORADO.

- Colorado Scientific Society, Denver. Organized, Dec. 8, 1882; incorporated, Jan., 1885. R. C. Hills, Pres.; P. H. Van Diest, Sec. Museum. Ex. of Minerals especially desired. Publishes "Proceedings."*

CONNECTICUT.

- Bridgeport Scientific Society. Library Building, 347 Main St. Isaac Holden, Pres.; C. H. Russell, Cor. Sec.; E. K. Averill, jr., Librarian and Curator. Library.*
- Connecticut Academy of Arts and Sciences, New Haven. Incorporated, 1799. William H. Brewer, Pres.; Addison Van Name, Cor. Sec. and Librarian. Publishes "Transactions."*
- Field and Forest Club, Southington. W. M. McLaughlin, Pres.; E. R. Newell, Sec.; Dr. J. H. Osborne, Cur.; Mrs. Dr. J. H. Osborne, Cor. Sec.
- Meriden Scientific Association. Prof. J. H. Chapin, Ph.D., Pres.; Dr. Chas. H. S. Davis, Sec.*
- Middletown Scientific Association. Organized, March 17, 1871. Prof. W. N. Rice, Ph.D., LL.D., Pres.; Prof. H. W. Conn, Ph.D., Cor. Sec.
- New Britain Scientific Association. James Shepard, Pres.; M. S. Wiard, Sec.*
- Waterbury Scientific Society. Organized, October 19, 1868; incorporated July 8, 1869; membership, 70. G. P. Chapman, Pres.; Frederick Wilcox, Treas.

DISTRICT OF COLUMBIA.

- Anthropological Society of Washington. Dr. Robert Fletcher, Pres.; Dr. Frank Baker, Weston Flint, Secretaries.*
- Biological Society of Washington. Lester F. Ward, Pres.; F. A. Lucas, L. O. Howard, Secretaries.*
- National Academy of Sciences, Washington. Prof. O. C. Marsh, Pres.; S. P. Langley, Vice Pres.; Prof. Asaph Hall, Naval Observatory, Washington, D. C., Home Sec.; Wolcott Gibbs, Newport, R. I., Foreign Sec.*

Philosophical Society of Washington. Organized, March 13, 1871. C. E. Dutton, Pres.; W. C. Winlock and J. S. Diller, Secretaries. Publishes "Bulletins." Eleven volumes have been published.*

Smithsonian Institution. Organized, 1846. S. P. Langley, Sec.; G. B. Goode, Ass't Sec.; William J. Rhees, Chief Clerk. Museum, Library and Gallery of Art. The publications comprise "Contributions to Knowledge," "Miscellaneous Collection," "Annual Reports."

ILLINOIS.

Academy of Sciences of Southern Illinois, Carbondale. Organized, Dec. 2, 1876; membership, 100.

Chicago Academy of Sciences, Exposition Building, Mich. Ave. Organized, 1857; incorporated, 1859. Prof. Edmund Andrews, M.D., LL.D., Pres.; J. W. Velie, M.D., Sec. and Cur. Museum and Library.

Fulton County Scientific Assoc. Organized, July, 1888. W. S. Strode, M.D., Pres., Bernadotte, Ill.; Sec., Minnie B. Kelly, Astoria, Ill. Library.*

Illinois State Laboratory of Natural History, Champaign. S. A. Forbes, Director.*

Peoria Scientific Association. Dr. E. M. Colburn, Pres.; Dr. Fred. Brendel, Cor. Sec.*

Princeton Acad. of Sci., Princeton. Hon. Simeon Elliott, Pres.; Jacob Miller, Cor. Sec.

Ridgway Ornithological Club of Chicago. Organized, Sept. 6, 1883; incorporated, May, 1884. Geo. Frean Morcom, Pres.; Ruthven Deane, V. P.; H. K. Coale, Sec. and Treas.; Geo. L. Toppan, Curator and Librarian.*

Rockford Scientific Society. Organized, June 13, 1877; active members, 40. M. S. Bebb, Pres.; J. B. Upson, Sec.

INDIANA.

Brookville Society of Nat. Hist. Incorporated, February, 1882. Amos W. Butler, Sec. Museum and Library. Desires to exchange many duplicate specimens, and asks donations of specimens and publications.*

Indiana Academy of Science. Organized, 1885. T. C. Mendenhall, Pres.; Amos W. Butler, Cor. Sec. Office, Brookville, Ind.*

Indianapolis Lyceum of Natural History. Organized, Oct., 1876. Edward T. Cox, Pres.; Prof. W. Webster Butterfield, M.Sc., M.D., Sec.

Jeffersonville Natural History Association. Organized, December, 1877. Wm. H. Fogg, Pres.; O. Hobbs, Sec.

Terre Haute Scientific Association, Terre Haute, Ind. Meets third Friday evening of each month.*

Western Indiana Historical and Scientific Association, Newport. Organized, Aug. 30, 1875; membership, 20. Prof. John Collett, Pres.; H. H. Conley, Cor. Sec. Museum, Collection and Library.

IOWA.

- Davenport Academy of Natural Sciences, Davenport. Organized, Dec. 14, 1867. Jennie McCowen, M.D., Pres.; Lucy M. Pratt, Cor. Sec. Library and Museum. Publishes "Proceedings."*
- Iowa Academy of Sciences, Iowa City. Organized, 1875. C. E. Bessey, Ames, Iowa, Pres.; C. M. Hobby, M.D., Cor. Sec. Number of Fellows limited to thirty.
- Iowa Natural History Union, Des Moines. Organized, 1877. Wm. Jno. Gill, D.D., A.M., Pres.; S. S. Bonbright, Sec.
- Iowa State Ornithological Society. J. H. Harvey, Pres.; S. S. Boubright, Des Moines, Sec.

KANSAS.

- Gray-Wood Botany Club. B. B. Smith, Topeka, Pres.; Omar Newman, Topeka, Sec.*
- Kansas Academy of Science, Topeka. G. H. Failyer, Manhattan, Kan., Pres.; E. H. S. Bailey, Lawrence, Kan., Sec.*
- Topeka Society of Nat. Hist., Topeka. Bot.*
- Topeka Society of Nat. Sci. Geo. D. Hale, Pres.; B. B. Smyth, Sec., Topeka, Kan.*
- Scientific Club of the Kansas State Agric. College, Manhattan.
- Topeka Scientific and Literary Club. Prof. J. T. Lovewell, Pres.; Geo. S. Chase, Sec.
- Wyandotte Society of Nat. Hist. W. H. Plank, Pres.; W. H. McCune, Sec., Wyandotte, Kansas.

KENTUCKY.

- Ohio Falls Geological Society, Centre and Walnut Streets, Louisville. Wm. J. Davis, Pres.; J. T. Gaines, Sec. Will exchange Silurian and Devonian fossils for those of other periods.
- Polytechnic Society of Kentucky, Louisville. Instituted, December, 1876. Bennett H. Young, Pres.; E. A. Grant, Sec. Library, Museum, Art Gallery, Laboratory, etc. Desires exchange.

MAINE.

- Portland Society of Nat. History. Incorporated, 1850. Wm. Wood, M.D., Pres.; Prentice C. Manning, Cor. Sec. Cabinet.*
- White Mountain Club, Portland. Rev. Dr. Thomas Hill, Pres.; John M. Gould, Sec.*

MARYLAND.

- Maryland Academy of Sciences, Baltimore. Organized, 1822. Phillip R. Uhler, Pres. (1888).*

MASSACHUSETTS.

- American Academy of Arts and Sciences, Boston. Organized, 1780. Joseph Lovering, Pres.; Andrew Preston Peabody, Vice-President; Josiah Parsons Cooke, Cor. Sec.; William Watson, Rec. Sec.; Eliot C. Clarke, Treas.; Henry Williamson Haynes, Libr. Publishes "Proceedings" and "Memoirs."*
- American Association for the Advancement of Science. Organized, 1840; incorporated, Mar. 19, 1874. F. W. Putnam, Salem, Mass., Perm. Sec.
- American Postal Microscopical Club. Founded, 1875. Prof. Samuel Lockwood, Freehold, N. J., Pres.; R. Halsted Ward, M.D., Troy, N. Y., Manager.*
- Amesbury and Salisbury Natural History Society. Organized, 1878. H. S. Leslie, Pres.; Chas. Nayson, Cor. Sec.
- Appalachian Mountain Club. Organized, 1876; incorporated, Apr. 1, 1878. George C. Mann, Pres.; F. W. Freeborn, Cor. Sec., Boston, Mass.; Roxbury, Mass.*
- Arnold Arboretum (Harvard Univ). Chas. S. Sargent, Director; Charles E. Faxon, Ass't in charge of Herbarium. Living collections at Arnold Arboretum, West Roxbury, Boston. Herb. at the residence of the director, Brookline, Mass.
- Boston Scientific Society, 419 Washington St. Organized, May, 1876; John Ritchie, jr., Pres.; E. E. Norton, Sec. "Science Observer" published by this Society.*
- Boston Society of Natural History. Incorporated, 1831. F. W. Putnam, Pres.; J. Walter Fewkes, Sec. Annual Meeting, first Wednesday of May. Library and Collection. Publishes "Proceedings," "Memoirs," and "Occasional Papers."*
- Boston Zoological Society, 285 Marlboro St. Organized, 1880. F. C. Bowditch, Pres.; Roland Hayward, Sec. Publishes the "Quarterly Journal."
- Cambridge Amateur Society of Natural History. Organized, November, 1877. J. A. Osborn, Pres.; Wm. B. Greeley, Sec. Cabinet.
- Cambridge Entomological Club. Established, Jan. 9, 1874; incorporated, March 9, 1877. C. W. Woodworth, Pres.; Roland Hayward, Sec. "Psyche," published by this Society, is issued monthly, at \$2 per annum, \$5 per vol. of 3 years.*
- Cape Ann Scientific and Literary Assoc., Gloucester. Organized, 1875. Thomas Conant, Pres.
- Essex Institute, Salem. Incorporated, 1848. Henry Wheatland, M.D., Pres.; Henry M. Brooks, Sec. Library contains 52,000 volumes. Publishes "Historical Collections" and "Bulletin." Objects, diffusion of knowledge in History, Nat. Hist., Horticulture and Arts.*
- Greenfield Nat. Hist. Soc., Greenfield. C. Ex.
- Hanson Nat. Hist. Soc. Organized, 1874. Flavel S. Thomas, Sec.
- Harvard Natural History Society. Founded, 1837. W. W. Nolen, Pres.; Edw. C. Mason, Cor. Sec. The Society especially desires to form a coll. of the plants, animals and minerals of Massachusetts.

- Historical, Natural History and Library Society, South Natick. Incorporated, 1873. G. J. Townsend, M.D., Pres.; Rev. J. P. Sheafe, Cor. Sec. Library and Collection.
- Lyceum Nat. Hist., Williams College, Williamstown. Founded, 1835. J. R. Adriaance, Pres.; A. H. Burnell, Cor. Sec. Collection.
- Massachusetts Horticultural Society, Boston. Organized, 1829. William H. Spooner, Pres.; Robert Manning, Sec. and Lib.; Wyllys Gannett, Treas. and Supt. of building. The Library contains between five and six thousand books and 2,000 pamphlets on Botany and Horticulture, and is the best Horticultural Library in the U. S.*
- Middlesex Institute, Malden. Organized, 1878. L. L. Dame, Medford, Pres.; F. S. Collins, Malden, Sec.*
- Museum of Comparative Zoology, Cambridge. Alex. Agassiz, Director. Publishes "Bulletin" and "Memoirs."*
- Nat. Hist. Society of Newton. Chartered, 1873. Wm. Carver Bates, Pres.; Wm. A. French, Sec.*
- Nuttall Ornithological Club, Cambridge. Organized, 1873. Wm. Brewster, Pres.; Henry M. Spelman, Sec.*
- Peabody Academy of Science, Salem. Founded, 1867, by George Peabody, of London, and contains Ethnological Coll. East India Marine Soc. (1799), Nat. Hist. Coll. Essex Inst. (1834) as permanent deposits, and large accessions made since 1867 by the trustees. Pubs. Memoirs (2 vols). Annual reports (19 in 9 numbers). Classes and lectures in botany, zoology, mineralogy, etc. Wm. C. Endicott, Pres; Edw. S. Morse, Dir.; John Robinson, Treas., in charge of Museum. Special collections, Ethnology in general, and Zool. and Arch. of Essex County, Mass. Museum ranks among the most valuable in the country.
- Peabody Mus. of Am. Archaeology and Ethnology, Department of Harvard Univ., Cambridge. Founded, 1866. F. W. Putnam, Peabody Prof. of Am. Arch. and Eth., Curator.*
- Springfield Botanical Society. Organized, April 20, 1877. Everett A. Thompson, Pres.; Miss Clara Bell, Sec. Collection.
- Springfield Science Association. Organized, March 12, 1881. Geo. A. Denison, Pres.; E. H. Smiley, Sec.
- Worcester Natural History Society. Organized, Dec., 1852; incorporated, April 16, 1853. E. H. Forbush, Pres.; Dr. C. L. Nichols, Treas.; H. D. Braman, Sec. Museum.

MICHIGAN.

- Adrian Agassiz Association, Chapter 687, Adrian. Edw. J. Stebbins, Sec.
- Adrian Scientific Society, Adrian. Incorporated, 1881. Prof. W. H. Howard, Pres.; Fred'k B. Stebbins, Sec.*
- Ann Arbor Scientific Association. M. E. Cooley, Pres.; Chas. K. McGee, Sec.
- Detroit Scientific Association. Incorporated, March 21, 1865. J. C. Holmes, Pres. Museum.

Kent Scientific Institute, Grand Rapids. E. S. Holmes, Pres.;
C. A. Whittemore, Sec.*
The Griffith Club of Microscopy, Detroit. W. H. Brearley, Pres.;
B. W. Chase, M.D., Sec.

MINNESOTA.

Minnesota Academy of Natural Sciences, Minneapolis. Organized,
Jan. 4, 1873. Dr. P. L. Hatch, Pres.; C. S. Fellows, Cor. Sec.
Location, Third floor of the Minn. Pub. Library Bldg. Museum
open daily. "Publishes Bulletin."*
Minnesota Historical Society of St. Paul.
St. Paul Academy of Natural Sciences. G. N. Carman, Pres.; L.
B. Wilson, Cor. Sec.; C. B. Scott, Curator.*

MISSOURI.

Academy of Science, St. Louis. Organized, 1857. Prof. F. E.
Nipher, Pres.; Edw. Evers, M.D., Cor. Sec. Publishes
"Transactions" and "Proceedings." Has Room, Library and
Museum in Wash. Univ. buildings.*
Missouri Historical Society, 1600 Lucas Place, St. Louis. Archaeo-
logical Museum. Desires to purchase or exchange objects suited
to the extension of this department.*

NEW HAMPSHIRE.

Exeter Natural History Society. Organized, Dec. 7, 1874; incor-
porated, June, 1876. John J. Bell, Pres.; Albion Burbank, Sec.
Museum and Library.
Keene Natural History Society. G. A. Wheelock, Pres.; D. W.
Gilbert, Sec.

NEW JERSEY.

Atco Natural Science Society. Incorporated, 1868. M. J. Skinner,
Pres.; A. R. Sloan, Cor. Sec. Library and Museum. Wood
and Bot. spec. for ex.
Newark Entomological Society, 82 South Orange Ave. Meetings
on first and third Thursdays of each month. C. P. Machesney,
Sec. Ent.: *Hymenop.*, *Lepid.*, *Dipt.*, *Coleopt.*, *Hemipt.*, *Orthopt.*,
Neuropt., *Arach.**
New Jersey State Microscopical Society. Instituted, April 17, 1871;
incorporated, Feb. 16, 1880. Rev. Samuel Lockwood, Free-
hold, N. J., Pres.; Prof. F. C. Van Dyck, New Brunswick, N.
J., Sec. Meets monthly in Geological Hall, Rutgers College,
New Brunswick.
Princeton Acad. of Sci., Princeton. Jacob Miller, A.M., Pres.;
F. M. Herrick, Cor. Sec.
Princeton Science Club. Organized, 1877. H. D. Thompson, Sec.*

NEW YORK.

- Agassiz Association, Chapter 811, Nyack-on-Hudson. Organized in 1884, for the study of the various depts. of Nat. Sci. Meetings are held on the second and fourth Wed. evenings in each month, excepting July and August. G. D. Wilson, Pres.; Miss Emma Partridge, Sec.; J. C. Gregory, Cor. Sec.
- Albany Institute. Incorporated, March 12, 1793. Leonard Kip, Pres.; Ernest J. Miller, Cor. Sec. Library and Collection.*
- American Astronomical Society. Organized, Jan., 1883. S. V. White, Pres.; G. P. Serviss, Sec., 8 Middah St. Meets first Monday in each month at the Packer Institute, Brooklyn, N. Y. Members, 60.
- American Chemical Society, University Building, Washington Sq., New York City. Incorporated, Nov. 10, 1877. Prof. Chas. B. Nason, Troy, N. Y., Pres.; A. C. Hale, Brooklyn, N. Y., Cor. Sec. Library. Librarian, Wm. Rupp, New York, N. Y.*
- American Geographical Society, 11 W. 29th St., New York City.*
- American Institute of Mining Engineers. Abram S. Hewitt, New York City, Pres.; Rossiter W. Raymond, 13 Burling Slip, New York City, Sec.*
- American Microscopical Society of City of New York, 12 East 22d St. J. B. Rich, M.D., Pres.; O. G. Mason, Sec.
- American Museum of Natural History, Central Park, New York City. Incorporated, 1869. Morris K. Jesup, President. Publishes "Bulletin" and "Annual Report." Library of 13,000 volumes and Museum.*
- American Society of Microscopists. Geo. E. Fell, M.D., Buffalo, N. Y., Pres.; Prof. T. J. Burrill, Champaign, Ill., Sec.*
- Brooklyn Entomological Society. G. W. T. Angell, Pres.; Wm. Beutenmueller, Cor. Sec. Publishes "Entomologica Americana." Address, Brooklyn, N. Y. Meetings first Tuesday of each month at Saengerbrund Hall, Brooklyn.
- Brooklyn Microscopical Soc. Organized, Feb., 1881. Meetings second and fourth Tuesday in the month. Members, 60. G. D. Hiscox, Sec., 435 Greene Ave.
- Buffalo Microscopical Club. Organized, 1876. James W. Ward, Pres.; Dr. W. C. Barrett, Sec.
- Buffalo Society of Natural Sciences. Organized, Dec. 5, 1861. Hon. David F. Day, Pres.; Dr. Wm. C. Barrett, Cor. Sec. Museum and Library.*
- Central New York Microscopical Club, Syracuse. Incorporated, May 28, 1883. A. Clifford Mercer, M.D., F.R.M.S., Pres.; Newton Hall, 2nd, Sec. Over 40 members.
- Central Park Menagerie, New York City. William A. Conklin, Ph.D., Director.*
- Cornell Nat. Hist. Soc., Cornell Univ., Ithaca. H. Hicks, Sec.*
- Elmira Microscopical Society. Dr. S. O. Gleason, Pres.; Professor Ford, Ph.D., Vice Pres.; Thad. S. Up de Graff, M.D., F.R.M.S., Sec.

- Jamestown Microscopical Society. Organized, 1873. A. Waterhouse, M.D., Pres.; Prof. S. G. Love, Sec.
- Lockport Agassiz Society, 45 Niagara Ave., Lockport. George W. Pound, Cor. Sec.
- Microscopical Society of Canandaigua. Dr. O. J. Hallenbeck, Pres.; Dr. R. W. Walmsley, Vice-Pres.; Dr. Chas. T. Mitchel, Sec. and Treas.*
- Natural Science Association of Staten Island. N. L. Britton, Ph.D., Pres.; Arthur Hollick, Cor. Sec. P. O. Box 105, New Brighton.*
- New York Academy of Sciences (late Lyceum of Natural History), New York City. Incorporated, April 20, 1818. John S. Newberry, Pres.; A. A. Julien, Cor. Sec. Annual meeting, fourth Monday in February. The publications of the Academy consist of the "Annals," and the "Proceedings."
- New York Entomological Club. A. R. Grote, Pres.; B. Neumogen, Treas.; Henry Edwards, Sec. Meets bi-monthly, 185 East 116th St.
- New York Microscopical Society, 64 Madison Ave., New York City. Organized, November 14, 1877. Rev. J. L. Zabriski, Pres.; Benjamin Braman, Cor. Sec., 44 E. 30th St., New York, N. Y.
- New York Society for Medico-Scientific Investigation, 201 East 23d St., New York. Pres. for 1890, Charles Deady, M.D., 11 E. 29th St.; Vice Pres., C. W. Cornell, M.D., 343 W. 29th St.; Sec. for 1890, Malcolm Leal, M.D., "The Albany," 52d St. and Broadway. Library. Desires to ex. medical and scientific books and specimens.*
- Rochester Academy of Science. Albert Cronise, Pres.; H. T. Braman, Cor. Sec.
- The Brooklyn Institute, Brooklyn, N. Y. *Bot., Palæo., Geol., Min., Chem., Phys., Elect., Mic., Photog., Meteo., Ast., Zool., Anth., Arch., Philol., Ent.* C. Ex.
- Torrey Botanical Club, New York City. Organized, January, 1873. J. S. Newberry, Pres.; Miss Helena C. Gaskin, Cor. Sec. Publishes "Bulletin."
- Troy Scientific Association. Organized, 1870; incorporated, 1874. R. H. Ward, M.D., Pres.; Geo. H. Ennis, Cor. Sec.*
- Vassar Brothers' Institute, Scientific Section, Poughkeepsie. Henry V. Pelton, Pres.; Dr. W. G. Stevenson, Curator of Mus.; Edward Elsworth, Chairman Sci. Section.*
- Warner Observatory, Rochester. Lewis Swift, Ph.D., F.R.A.S., Director.*

NORTH CAROLINA.

- Elisha Mitchell Scientific Society, Chapel Hill. Library. Semi-annual Journal, F. P. Venable, Sec.*

OHIO.

- Agassiz Scientific Association, Delaware. Organized, April 4, 1876. Prof. E. T. Nelson, Pres.; R. E. Hills, Sec.

- Central Ohio Scientific Association, Urbana. Established, October, 1874. S. M. Mosgrove, Pres.; T. F. Moses, Cor. Sec.*
- Cincinnati Society Natural History, Broadway and Arch Sts. Organized, Jan. 19, 1870. Library and Museum. Members, 230. Publishes Quarterly Journal. Col. James W. Abert, Pres.; Dr. James A. Henshall, Sec.*
- Cuvier Club, 84 Longworth St., Cincinnati. Organized, Jan. 1, 1875. L. A. Harris, Pres.; J. J. Glidden, Cor. Sec.
- Kirtland Society of Natural Sciences, Case Block, Cleveland. Organized March 17, 1869. Dr. E. Sterling, Cleveland, Ohio, Cor. Sec. Library and Museum.
- Licking County Pioneer Historical and Antiquarian Society. Isaac Smucker, Pres.; E. M. P. Brister, Cor. Sec.; James H. Smith, Custodian.*
- Literary and Scientific Society, Madisonville. Hon. Joseph Cox, Pres.; Charles F. Low, Sec.

PENNSYLVANIA.

- Academy of Natural Sciences of Philadelphia. Founded, March 12, 1812. Joseph Leidy, M.D., Pres.; G. H. Horn, M.D., Cor. Sec.; Edw. J. Nolan, M.D., Rec. Sec. Publishes "Proceedings", and "Journal".*
- American Entomological Society, Philadelphia. Incorporated, 1862. Horace Jayne, M.D., Cor. Sec. Publishes "Transactions".*
- American Philosophical Society, Philadelphia. Founded, May 25, 1743. Frederick Fraley, Pres.; Fred. Fraley, Dan. G. Brinton, Henry Phillips, jr., George H. Horn, Geo. F. Barker, Secretaries. Publishes "Proceedings" and "Transactions".*
- Chester County Acad. of Arts and Sciences. Prof. G. M. Phillips, Pres.; Samuel P. Marshall, Sec.*
- Erie Natural History Society, Erie. G. Guttenberg, Pres.; Miss Sarah Madole, Cor. Sec.
- Lackawanna Institute of History and Science, Scranton, Pa. J. A. Price, Pres.; J. H. Fisher, Sec. C. Ex. Coal fossils to ex. for min. specimens.*
- Lehigh Valley Microscopical Society. Founded, May 19, 1881. Dr. Traill Green, Pres.; Dr. Brentano Clemens, Sec.*
- Lewisburg (Pa.) Scientific Society. Rev. Dr. J. R. Loomis, Pres.; Dr. Geo. G. Groff, Sec.
- Linnæan (Scientific and Historical) Society, Lancaster. Organized, February 15, 1862; chartered, August 30, 1865. Hon. J. P. Wickersham, Pres.; Mrs. S. P. Eby, Cor. Sec. Large Museum and Library.*
- Lyceum of Natural History, Marietta. Geo. W. Mehaffey, Pres.; I. S. Geist, Sec. Museum and Library.*
- Mineralogical and Geological Sections of A.N.S.P. T. D. Rand, Dir.; A. E. Foote, M.D., Sec. Publishes "Proceedings."
- Numismatic and Antiquarian Society, Philadelphia. Founded, Jan. 1, 1858. Daniel G. Brinton, Pres.; Henry Phillips, jr., Sec. Publishes "Proceedings".*

- Reading Society of Natural Sciences. Instituted, January 1, 1869; incorporated, Nov. 8, 1869. Henry Landis, M.D., Pres.; M. A. Rhoads, M.D., Sec. Library and Collection.
- Spencer F. Baird, Naturalist Association, Reading. Organized, April 1, 1882. James Keiser, Pres.; Harry G. Mayer, V. Pres.; T. A. Kendall, Sec. and Treas. Museum and Library. The Association desires to exchange minerals for others for its cabinet. Please send lists.*
- West Chester Philosophical Society. D. M. Sensenig, Pres.; J. Newton Huston, Cor. Sec.
- Wyoming Historical and Geological Society, Wilkes-Barré. Incorporated, 1858. Hon. E. L. Dana, Pres.; Sheldon Reynolds, A.M., and S. E. Struthers, Secretaries. Publishes "Proceedings." C.
- Zoological Society of Philadelphia. Incorporated, 1859. Frederick Graff, Pres.; Thos. Hockley, Secretary; Wm. Hacker, Treas.*

RHODE ISLAND.

- Providence Franklin Society, 54 No. Main Street. Chartered, 1823. C. M. Salisbury, Pres.; C. R. Drown, Sec. Annual meeting first Tuesday in January.*
- Rhode Island Horticultural Society, Providence. Instituted, Sept. 6, 1845; incorporated, Jan., 1854. Edward I. Nickerson, Pres.; Charles W. Smith, Treas.; Thos. K. Parker, Cor. Sec.*

TEXAS.

- Texas Museum, Scientific and Literary Association, San Antonio. Dr. Isidor Lerinthal, Pres.; C. Runge, Sec.

UTAH.

- Museum of Natural History, Salt Lake City. Geo. Reynolds, Curator.*

VIRGINIA.

- Jamestown Microscopical Society. Organized, 1873. A. Waterhouse, M.D., Pres.; S. W. Baker, Sec.
- Richmond Microscopical Society. Chartered, 1880. Dr. Henry Froehling, Pres.; Dr. Wm. Gascoyne, Vice Pres.; G. A. Peppley, Sec.; Thomas Christian, Treas.

WISCONSIN.

- Wisconsin Natural History Society, care of Milwaukee Public Museum, Milwaukee.*

BERMUDA.

Peniston, Annie M., Penistons, The Flatts. *Moll. C. Ex.* Shells of Bermuda for those of other localities. Sea-shells preferred, and only good specimens desired.

CENTRAL AMERICA.

COSTA RICA.

Carmigol, San José. *Bot.*

Pittler, H., San José. *Geog. Dist. of Plants.*

GUATEMALA.

Farfan, Dr. José, Prof. Univ., Guatemala. *Bot.*

Greick, Juan, Bot. Coll., Guatemala. *Bot.*

Luna, Dr. David, Prof. Univ., Guatemala. *Phys., Chem., Bot.*

Peper, E., Guatemala. *Ent.*

Rockstroh, Edwin, National Institute, Guatemala. *Zool.*

Rodriguez, Juan José, Dir. Zool. Mus., Guatemala. *Bot., Gen. Zool.*

Sarg, Francis C., Vice-Consul German Empire, Coban. *Zool., esp.*

Spiders and Fresh Water Fishes.

Stoll, De Otto, Guatemala. *Myriopoda.*

Türkheim, Freiherr H. von, Coban, Alto Vera Paz. *Bot., Lepid.*

C. Ex.

Yela, Dr. Joaquim, Prof. Univ., Guatemala. *Bot., Nat. Hist.*

HONDURAS.

LeBaron, G. Fras., Greytown, Nicaragua. *Birds, Mammals, Alcoholic Spec. and Antiq.*

Thieme, Dr. Carolo, San Pietro. *Bot., Ent., Cen. C. Ex.*

NICARAGUA.

Calderon y Arana, Salvador, Leon.

Clay, T. H., Matagalpa.

Downing, Dr. Alex A., Granada. *Anth.* Ex. for any kind of specimens new to Nicaragua.

Flint, Earl, Rivas. *Antiquarian, Arch.*

Harper, Henry, Granada. *General Science.*

Harper, Col. I. H., Rivas. *Nat. Hist.*

Henry, William, Granada. *Reptiles.*

Janson, E. M., Las Lajas, Chontales. *Ent.*

Levy, Paul, Granada. *Bot.*

SAN SALVADOR.

Ulex, Oscar, San Salvador. *Lepid., Coleopt. C.*

GREENLAND.

Taylor, Joseph Walter, Nounngme.

MEXICO.

- Aguilar, Panciano, Guanajuato. *Mining Engineer.*
 Ajuria, Agustin, Guanajuato. *Mining Engineer.*
 Alcacio, Donaciano, City of Mexico. *Bot.*
 Alcaráz, Ramon Y., City of Mexico. *Agric.*
 Altamirano, Fernando, City of Mexico. *Bot.*
 Altamirano, Ignatius M., "La República," City of Mexico.
 Anda, Francisco de, M.E., Manager of the Mint, Guanajuato.
 Anda, Luis de, M.E., Assayer of the Mint, Guanajuato.
 Anda, Manuel de, M. and C.E., Manrique, 6, City of Mexico. *Strat. Geol., Min., Metall., Meteor.*
 Andanegui, Juan B., Pinos, Zacatecas. *Min.*
 Angulano, Angel, Tacubaya. *Ast.*
 Arevalo, Dr. José S., Morelia. *Nat. Hist.*
 Arriaga, José Joaquin, Mem. Mex. Nat. Hist. Soc., City of Mexico. *Bot., Zool.*
 Ayme, Luis H., Merida, Yucatan. *Arch.*
 Barcena, Mariano, Director del Observatorio Central, Prof. de Geol. and Palæo., Museo Nacional, City of Mexico. *Geology.*
 C.
 Barroeta, Prof. G., M.D., San Luis Potosí. *Phys., Zool., Bot. C. Ex.*
 Barroso, Agustin, City of Mexico. *Bot.*
 Blanco, Luciano, Guadalajara. *Mining Engineer.*
 Blazquez, Prof. Ignacio, Nat. Hist. Coll., Puebla. *Bot.*
 Bonilla, J. A., Zacatecas. *Min.*
 Cervantez, Faustino, Calle de la Esampa, 2, Morelos.
 Chazaro, M. M., Tlacotalpan. *Bot.*
 Chico, Dr. Jesus, Hospital, Guanajuato. *Hygiene.*
 Contreras, Juan N., Guanajuato. *Mining Engineer.*
 Contreras, Manuel, Colegio del Estado, Guanajuato. *Ast.*
 Crespo, Gilberto, City of Mexico. *Min.*
 Cubas, Antonio G., City of Mexico.
 Dondé, R. Juan, Prof. Pharm., Chem. and Nat. Hist., Calle de los Rosados, No. 48, Merida, Yucatan. *Bot., Zool., Ent.: Coleopt., Orn., Chem. C. Ex.*
 Dugès, Alfredo, Prof. Nat. Hist., Colegio del Estado, Guanajuato. *Zool., Bot., Vert., especially Reptiles. C.*
 Dugès, Dr. Eugène, Tupataro, Guanajuato. *Coleopt.*
 Endner, Agustin, Assayer of the Mint, Oaxaca.
 Fernandez, Leandro, Mexico. *Ast.*
 Fernandez, Vicente, Prof. de Farmacia, Colegio del Estado, Calle de Pocitos del Cereza, Guanajuato. *Meteor. C. Ex. Mexican birds for those of China and Australia.*

- Finck, Hugo, Cordova. *Arch., Bot., Geol.*
 Flores, Dr. Reyes G., Calle de St. Domingo, Guadalajara. *Bot.*
 Fornel, Ing. Manuel, Museo Nacional, Mexico. *Min.*
 García, Dr. Crecensio, Cotija Michoacan. *Nat. Hist., Geol. C. Ex.*
 García Icazbalceta, Joaquin, City of Mexico.
 Glennie, Francisco, Guanajuato. *Mining Engineer.*
 Gonzala, J. Eleuterio, Monterey. *Bot.*
 Gonzalez, Jesus, City of Mexico. *Bot.*
 Guevara, Ignacio, Guadalajara. *Math.*
 Gutierrez, José M., Ameca, Jalisco. *Bot.*
 Heinemann, Dr. C., Vera Cruz. *Physiol.*
 Herrera, Alfonso, Escuela Nacional Preparatoria 6 2, Calle de S. Juan, 4, City of Mexico. *Bot.*
 Huacuja, Francisco F., Botica de San Francisco, Morella. *Pharmacy. Chem.*
 Ibanez, Joaquin, Mem. Nat. Hist. Soc., Puebla. *Bot.*
 Iparraguirre, Francisco Fernandez, Pharmacies, Guadalajara. *Bot. C.*
 Iturbide, Gomez Dr. Luis, C. de la Pila de Zarate, 10, Morella. *Medicine, Surgery.*
 Jimenez, Francisco, Colegio del Estado, Guanajuato. *Phil.*
 Johnson, Wm. D., jr., Colony Diaz, Canton Galiano, Chihuahua. *Ent. C. Ex.**
 Landero, C. F. de, Ingénieur Geographe et des Mines. Inspecteur des Mines. Prof. de Chimie à l'Ecole des Ingénieurs. P. O. Box 34, Guadalajara. *Min., Chem., Glad., Ast. C. Ex.*
 Lazo de la Vega, J. M., City of Mexico. *Bot.*
 Leon, Miguel Velazquez de, M.E., Hacienda de Pabellon, Aguas Calientes. *Mining, Agriculture.* Can procure silver, copper and lead ore samples under an industrial point of view.
 Lillendahl, A. W., Mining Eng., Guanajuato, Mex. *Min. C. Ex.**
 Lobato, Flavio, Guanajuato. *Min.*
 López, Carlos M., Aguas Calientes.
 Lopez, Dr. Francisco, Calle 63, Morelos. *Meteo.*
 Malo, Alberto F., Rendicion de Pastiti, Guanajuato. *Mech. Engineer.*
 Mariano Leal, Leon E. de, Guanajuato. *Chem., Meteo. C. Ex.* Has meteorological data for three years.
 Meda, Dr. Melesio, Patzcuaro Michoacan. *Meteo., Bot.*
 Médico, Paramo, City of Mexico. *Meteo.*
 Mendivil, Cirilo Gomez, Lagos. *Agric.*
 Mendoza, Gumesindo, City of Mexico. *Bot.*
 Monroy y Salazar, Pedro L., San Luis Potosi. *Min.*
 Moreno, Aniceto, Orizaba. *Bot.*
 Munoz, Rudolfo, Real del Monte. *Mining Engineer.*
 Muro, Luis, Colegio del Estado, Guanajuato. *Min.*
 Navia, Severo, Prof. School of Mines, Guanajuato. *Min.*
 Ochoa, Juan, City of Mexico. *Min.*
 Oliva, Sabino, Guadalajara. *Bot.*

- Oluda, Luis, Guanajuato. *Mining Engineer.*
 Orages, Pablo, Guanajuato. *Mining Engineer.*
 Párras, Joaquín, M. and C.E., Guanajuato. *Geol., Min., Crystall., Lithol., Metall., Palæo.* C. Ex. mins. and rocks.
 Pascal, Agustiss v., Guadalajara. *Ast., Geol.*
 Peñafiel, Antonio, Dr., Dir. general de Statistique de Mexique. *Philologue Mexican et Antiquaire.*
 Penzuela, Luis Rables, Calle S. José, Guanajuato. *Mining Engineer.*
 Perez de Arce, Facundo, Guadalajara.
 Perez, Lulara, Chemist and Druggist, Prof. in the Institute of Science, Calle de Santa Teresa, 18, Guadalajara. *Chemistry and Pharmacy.*
 Perez y Arce, Manuel, Chemist and Druggist, Calle de Santa Monica, 4, Guadalajara. *Pharmacy and Chemistry.*
 Peza, Juan de Dios, City of Mexico.
 Pleace, Arthur W., Aparlado No. 4, Guanajuato, Mexico. *Vert. Palæo., Vert. Anat., Philol., Vert.*
 Prieto, Raoul, P. O. Box 84, Guadalajara. *Chem., Min., Elect., Ast., Meteo.* C. Ex.
 Puente, Feliciano G., Boticarilo, Morelos. *Pharmacy.*
 Puga, Nicolais, Guadalajara. *Chem.*
 Quijano, Ficaro, Mazatlan. *Bot.*
 Rables, Dr. Joaquín, Calle Sn. Felipe Nerí, 19, City of Mexico. *Surgery.*
 Ramírez, Dr. José, Prof. de Zool. en el Museo Nacional y en la Escuela de Agricultura, City of Mexico. *Zool., Mic., Anth.*
 Ramírez, Santiago, Calle de Buenavista, 15, City of Mexico. *Mining Engineer.*
 Ramos, José, City of Mexico. *Bot.*
 Reyes, Manuel O., City of Mexico. *Bot.*
 Reynoso, Francisco, M.E., Prof. de Física en el Colegio del Estado. *Geol., Min., Crystall., Lithol., Metall., Physics.* C. Ex.
 Rocha, Ignacio G., Calle de Sopena, Guanajuato. *Mining Engineer.*
 Romero, Carlos, Prof. de Géologie et de Paléontologie au Collège, Guanajuato.
 Salgado, Dr. Francisco, Colegio del Estado, Guanajuato. *Pathol.*
 Sanchez, Jesus, Museo Nacional, City of Mexico. *Zool.**
 Santibañez, Dr. Abraham, Colegio del Estado, Guanajuato. *Anat.*
 Sauri, Ricardo, M.D., Merida, Yucatan. *Ent.*
 Segura, José, City of Mexico. *Bot.*
 Sepúlveda y Lucio, Fernando, Licenciado en Farmacia, Plaza, 6, Farmacia, Villa de Brihuega, Guadalajara. *Botany.* C. Ex.
 Silva, J., Zacatecas. *Geol.*
 Socket, Sherman G., Corralitos. *Metall.*
 Sumichrast, Prof., Tehuantepec. *Bot., Zool.*
 Tena, Dr. Miguel, Botica de Guadalupe, Catarinas, 16, Morelia. *Bot., Meteo., History.* C. Ex.
 Tonel, Jean, Cardova. *Bot.*
 Unacuja, Francisco, Zacatecas. *Pharm., Bot.* C. Ex.
 Urbina, Manuel, City of Mexico. *Bot.*
 Valazco, Sr. José M., Museo Nacional, City of Mexico. *Zool.*

Valle, Felipe, Tacubaya, D.F. *Ast.*
 Villada, Manuel, Nat. Museum, City of Mexico. *Bot., Zool.*
 Wadgymer, L. A., City of Mexico. *Zool., Orn., Bot. C.*
 Weldner, Dr. Frederick, Mazatlan. *Geol.*
 Yarate, Francisco P., Zacatecas. *Mining.*

MIQUELON, L'ILE.

Delamare, Dr. E., Ile Miquelon, North Am. *Bot., et specialement Lichens, Sphagnum.*

NEWFOUNDLAND.

Fowler, Great Placentia. *Mining.*
 McKendrick, Neil, Great Placentia. *Mining.*
 Murray, Alexander, C.M.G., F.G.S., Dir. Geological Survey of St. John's. *Palæo., Geol., Lithol., Chem. C. Ex.*
 Somerville, Beverly R., M.D., Western Bay. *Medicine, Arch., Gen. Antiq., Eth.* Correspondence solicited from those desiring rare or current Postage Stamps.

WEST INDIES.

ANTIGUA.

Nicolson, Dr., Antigua. *Bot.*

BAHAMA ISLANDS.

Saunders, Harry R., Nassau, N. P. *Ferns, Algæ, Sponges, Sea Shells.*

BARBADOES.

Webb, Right Rev. T. W., Prin. Coddington Coll.

CUBA.

Aguilar, Mauricio, Alfonso y, Ingenio Demolido, Santo Cristo. *Leptoptera. C.*
 Aguilera, Caventano, Rue O'Reilly, 42, Havana.
 Aguilera, Manuel Antonio, Rue O'Reilly, 42, Havana.
 Babé, Dr., Con. del Museo de Historia Natural de la Acad. de Ciencias médicas, físicas y naturales, Calle de San Isidro, Havana. *Moll. C.*
 Blain, José, San Cristobal. *Bot.*
 Cabrera y Martinez, José, Santa Maria del Rosario. *Lepid.*
 Casals y Sust, Jorge, Calle de Galiano, 69, Havana. *Lepid.*
 Cisneros, Andrés M. de, Cardenas. *Con. Ex.*
 Clerk, Francisco, Rector del Colegio de los Bdoz Escolapios de Guanabacoa. *Min., Moll. C.*

- Garro, Felix Suarez, Calle de Manrique, 111, Havana. *Lepid.*
 Gordon (D. Ant. M. de) Univ., Havana. *Ent.**
 Gundlach, Juan, Ph.D., Calle Virtudes, 109, Havana. *Mam., Orn., Herpetol., Con., Ent.* C. of the Cuban sp.*
 Gutierrez, Dr. José Nicolas, Rector de la Univ., Calle del Sol, Havana. *Zool., Moll.* C.
 Lachaume, Jules, Dir. of the Acclimatation Garden, Havana. *Bot.*
 Latorre, Carlos, Colegio de San Carlos, Matanzas. *Zool.* C.
 Martin, Angel, Mauranillo. *Orn.*
 Martinez, José Cabrera, Sta. Maria del Rosario, Cotorro. *Ent. : Lepid.* C. Ex. Correspondence in French or Spanish.
 Morales, Dr. Sebastian A. de, Calle de Verlarde, 5, Matanzas. *Bot.*
 Poey, Dr. Felipe, Calle de San Nicolas, 96, Havana. *Ichth.*
 Presas, J. Manuel, Matanzas. *Bot.*
~~Reinoso, Fernando, Calle de las Animas, 135, Havana.~~ *Dict 1889*
 Santos Fernandez, Dr. Juan, Paseo de Tacon, Carlos III, Quimba de Foca, Havana.
 Sauvalle, Francisco A., Havana. *Bot.*
 Yradi, José, Cayetano. *Ent.*

CURACOA.

- Wills, J., Lainson, care Messrs. Evertz, Curaçoa. *Min.*

DOMINICA.

- Nicholls, Henry Alfred Alford, M.D., F.L.S., M.R.C.S., Corr. Memb. N. Y. Acad. Sci., Dominica. *Nat. Hist., Zool., Bot.* C.

GRENADA.

- Wells, John Grant, St. George. *Orn., Ool.**

GUADELOUPE.

- Boname, P., Dir. Agric. Station, Pointe à Pitre. *Bot.*
 Colardeau, Dr. St. Felix, Basseterre. *Bot.*

JAMAICA.

- Allen, Dr., Kingston. *Polycystina.*
 Bancroft, Espeut, William, F.L.S., Spring Garden, Buff Bay. *Bot., Geol., Chem., Elect., Meteo., Zool.*
 Bowrey, James John, F.C.S., F.J.C., Gov't Analytical Chemist, Kingston. *Chem., Ent., Gen. Nat. Hist.*
 Brennan, J. F., District Engineer's Office, Kingston. *Physical Science.*
 Bürger, Herman John, 88 King St., Kingston. *Geol., Min., Nat. Phil., Ast., Meteo.**
 Cockburn, N. S., 14 East St., Kingston. *Ent.* C. Ex.
 Elliott, Wm. R., Supt. Kings House, Kingston. *Gen. Economic Plants.*

- Davis, L. Foster, Electrician, 19 Port Royal St., Kingston.
 Fawcett, Wm. B., Sc., F.L.S., Director of Public Gardens and Plantations, Chincona, Gordontown. *Gen. Bot.* (Formerly of Brit. Mus. of Nat. Hist., London.)*
 Gilbert, Wm., Harbour St., Kingston. *Mic.*
 Hall, Maxwell, M.A., F.R.A.S., F. R. Met. Soc., Jamaica, W. I. *Meteo., Asst.**
 Harris, Wm., Supt. Botanic Gardens, Kingston. *Palms, Ferns, Orchids, etc.*
 Henderson, Dr. G. C., Gordontown. *Mic.*
 Hutchings, L., Kingston. Ex. *Jamaica Ferns, Land Shells.**
 Institute of Jamaica. Founded 1879. The Rev. Alex. Robb, D.D., Chairman; H. Priest, Sec. Museum and Library.
 Mals, Rev. J. L., Walton. *Lepid.*
 Vendryes, Henry, Solicitor, Kingston. *Con. and Fossils.*

MARTINIQUE.

- Thiery, Mons., Martinique. *Maladies de plantes, Gen. Bot.*

PORTO RICO.

- Alfau y Baralt, Antonio, San Juan. *Coleopt., Lepid.*
 Guillerna, Cesar de, Ingeniero de Montes, San Juan. *Bot.*
 Stahl, Dr. Augustin, Rayamon. *Moll.*
 Vasconi, Dr. Angel, Ingeniero de Minas, San Juan. *Min., Geol., Palæo.*

ST. THOMAS.

- Bryan, C. E., St. Thomas, Collector. *Bot.: Ferns, Mosses, Algæ, Crustacea, Moll., M., L. and F. W. Shells. C.*
 Calderon, H. Charles, St. Thomas. *Bot., Herbarium specimens of the Flora of St. Thomas for sale.* Has thoroughly studied the medicinal plants of the Island and will extend researches to other portions of the W. I. Has commenced a medical herbarium and will prepare sets for distribution should sufficient inducement offer. C. Ex.
 Eggers, H. F. A. Baron, St. Thomas. *Bot.*

SANTA CRUZ.

- Dahl, Christian, Santa Cruz. *Bot.*

SAN DOMINGO.

- Dehoux, Dr. J. B., Dir. Med. Sch., Port-au-Prince. *Bot.*
 Droit, Prof. J., Medical School, Port-au-Prince. *Bot.*

TRINIDAD.

- Broadway, W. E., Asst. Supt. at Botanical Dept., Trinidad.*

- Caracciolo, Henry, Customs, Port of Spain, Trinidad. *Mic. Photo., Ent., Lepid., Coleopt., Hemipt., Orthopt.* C. Ex.*
 Guppy, R. J. Lechmere, F.L.S., F.G.S., Superintendent of Education, Trinidad. *Geol., Con.* C.
 Harrison, J. B., Government Analytical Chemist, Georgetown. *Chem.**
 Hart, John Hinchley, F.L.S., Superintendent Botanical Department, Trinidad. *Bot., Ent., Mic., Algæ, Cryptogamia.* C. Ex.*
 Marshall, Rev. T. A., M.A., Golconda Estate near San Fernando. *Ent.*

SOUTH AMERICA.

ARGENTINE REPUBLIC.

- Aguirre, Eduardo, Ing. Catedrático de Mineralogía y Geología en la Universidad de Buenos Ayres.
 Ameghino, Dr. Florentino, Vice director del Museo Provincial de La Plata.
 Arata, Dr. Pedro N., Catedrático de Química Medica en la Universidad y Dir. de la Oficina Química Municipal de Buenos Ayres.*
 Balbin, Dr. Valentin, Catedrático de Matematicas superiores en la Universidad de Buenos Ayres.
 Beale, Charles, C.E., 83 Calle Progress, Rosario de Santa Fé, Argentine Republic. *Geol.* C. Ex. Offers coal measure fossils or Upper Silurian. Wants mound implements or remains.*
 Berg, Dr. Carlos, Catedrático de Zoología y de Botánica en la Universidad y de Historia Natural en el Colegio Nacional de Buenos Ayres. Casilla de Correo, 169. *Ent. gen.* C.*
 Beuf, Francisco C., Director del Observatorio Astronómico Provincial de La Plata.
 Burmeister, Dr. Hermann, Director del Museo Nacional de Buenos Ayres. *Zool.*
 Carvajal y Rueda, D. Basilio, Licenciado en Ciencias y en Farmacia, C. de Moreno, 196, Hotel del Sur, Buenos Aires.*
 Döring, Dr. Adolfo, Catedrático de Química en la Universidad de Cordova. *Geol., Palæo. and Con.*
 Doering, Dr. Oscar, Prof. of Phys. in the Nat. Univ., Pres. of the Nat. Acad. of Sci. of the Argentine Republic. Dir. of the Meteorological Service of the Province of Cordova. Ex.-Consul to the German Empire. Cordova. *Phys., Meteo., Terrest. Magnetism, Geog.*
 Freire, Prof. Dr. Domingos José, Med. School, Rio de Janeiro. *Org.*
 Frenzel, Dr. Juan, Catedrático de Zoología en la Univ. de Cordova.
 Gallegos y Sardina (Ventura), Licenciado en las Facultades de Medicina y Ciencias (Sección de Físico-químicas), Catedrático de Química en el Colegio Nacional, y de Historia en el Departamento Agronómico, Socio corresponsal de la Academia Médico-quirúrgica española y de las entomológicas de Bélgica y Ettettin, Mendoza.*

- Günther, Guillermo, Maestro Pintor en los Talleres del Ferro-Carril del Oeste en Tolosa (La Plata). *Coll. of Ins.* Ex.*
- Hilzinger, Jorge, Preparador, Calle Moreno, 457, Buenos Ayres. *Coll. of Ins.* C.
- Holmberg, Dr. Eduardo L., Catedrático de Historia Natural en la Escuela Normal, etc., de Buenos Ayres, Calle Cerrito, 416. *Arach.*, *Hymenop.*, *Ichth.* C.
- Kurtz, Dr. F., Catedrático de Botánica en la Universidad de Cordova. C. Ex.
- Kyle, J. J. J., D.Sc., Catedrático de Química Organica (la Universidad) en y Director Química de la Casa de Moneda de Buenos Ayres.*
- Lista, Ramon, Miembro de la Sociedad Científica argentina, Naturalista explorador y Director del Anuario Hidrográfico de la Marina argentina, C. de la Reconquista, 93, Buenos-Aires.*
- Lynch-Arribálzaga, Enrique, Callas 1434, Buenos Ayres. *Dipt.* Ex.*
- Lynch-Arribálzaga, Felix, rue Juncal 2254 Chacabuco, Buenos Ayres. *Coleopt.*, *Dipt.* C. (Staphilinidæ). Ex.*
- Myano, Carlos Maria, Buenos Ayres. Celebrated Explorer of Patagonia. Lieutenant of the Navy in the Argentine Army.
- Mitre, Gen Bartolomé, Buenos Ayres.
- Moreno, Dr. Francisco P., Director del Museo Provincial de La Plata. *Anth.*, *Palæo.**
- Newberry, Dr. Edward, 125 Calle Florida, Buenos Ayres. *Psych.*
- Parodi, Dr. Domingo, Calle Defensa, 185, Buenos Ayres. *Chem.* C.
- Puiggari, Dr. Miguel, Catedrático de Química Analítica y Farmacéutica en la Universidad de Buenos Ayres.
- Quilroga, Dr. Atanasio Catedrático de Química Inorgánica en la universidad y en el Colegio Nacional de Buenos Ayres.*
- Roth, Santiago, San Nicolas. *Palæo.* C.
- Ruscheweyh, George, Merch. Calle Tucuman, 500 Buenos Ayres. Poss. of the largest Coll. of Lepidopt. in So. America. Ex.
- Spegazzini, Dr. Carlos, Prof. de Patología Vegetal en el Instituto Agronomico-Veterinario y Catedrático de Química en el Colegio Nacional de la Plata, Calle 56, esq. 10. *Bot.* C. Ex. *Graminacea Fungi.*
- Thome, John M., Dr., Dir. del Observatorio Astronómico Nacional en Cordoba.
- Zeballos, Dr. Estanislao S., Calle Belgrano 1130, Buenos Ayres. *Geog.*, *Arch.*, *Anth.**

BRAZIL.

- Alf. Georges, Villa Trabel, Rio de Janeiro. *Ent.*, *Con.*, *Vert.*
- Bauer, Henrique Ernesto, Jaguary de Ignape, Estado, Sao Paulo. *Min.*, *Lithol.* Exchange any foreign rocks (small samples by mail) for Toyait, Veyesit, Theralit, Tinguait, etc., from this country.*
- Barbosa, Rodrigues, João, Manaus, Provincia do Amazonas, Dir. Botanical Mus. of the Amazon. *Phæn. Bot.*, *Palms*, *Orchids*, *Anth.*, *Arch.*, *Ethnog.* C. Ex.*

- Bom-Retiro, Pedreira, Vizconde de, Rio de Janeiro. *Geog., Eth.*
Bonninghausen V. V., P. O. Box 775, Rio de Janeiro. *Ent., Specialty Lepid.*
Breitenbach, Dr. Wilhelm, Porto Alegre, Rio Grande do Sul. *Ent. : Orthopt.*
Capanema, Dr. L. S. de, Consul, Rue de San Leopoldo, 1, Rio de Janeiro. *Bot.*
Carvalho, Dr. Pedro A. de, Dir. Hospital Misericordia, Rio de Janeiro.
Cruls, Dr. Louis, Dir. Ast. Obs., Rio de Janeiro. *Ast.*
Derby, Orville A., Dir. of Section of Geol. and Min., Mus. Nacional, Rio de Janeiro. Dir. Com. Geog. et Geol. da Prov. de São Paulo. *Palæo., Strat. Geol., Min., Lithol.*
De Souza, Dr. Ennes, M.E., Dr. Phil., Prof. Met., Polytech. School, Rio de Janeiro. *Min., Metall.*
Freire, Prof. Dr. Domingos José, Med. School, Rio de Janeiro. *Org. Chem.*
Freltas, Francisco José de, Sub. Dir. da Sec. de Geol. e Min., Mus. Nacional, Rio de Janeiro. *Palæo., Geol., Min.*
Gama, Dr. J. Saldanha da, Prof. Bot., Polytech. School, Rio de Janeiro. *Bot.*
Glazlou, Dr., Dir. Public Gardens, Rio de Janeiro. *Bot.*
Gorceix, Dr. Henri, Dir. School of Mines, Ouro Preto, Prov. de Minas. *Min., Geol.*
Hahnel, San Paulo, Upper Amazon. *Ent.*
Homen de Mello, Dr. Francisco Ignacio M., Baron de, Rio de Janeiro. *Geol., Eth.*
Lacerda, Dr. J. B., Dir. Zool. Sec. Mus. Nacional, Rio de Janeiro. *Zool., Gen. Biol., Exper. Physiol., Eth.*
Löfgren, Alberto, Morton College, San Paulo. *Bot., Algology, F. W. Algæ. C. Ex.*
Magalhães, Dr. J. V. C. de, Rio de Janeiro. *Geog., Eth.*
Mathan, de, Mare, Pará. *Ent.*
Moreira, Dr. Nicolão, Sub.-Dir. Bot. Sec., Nat. Mus., Rio de Janeiro. *Bot., Agric.*
Müller, Fritz, Blumenau, Santa Cattarina.
Neave, Dr. John, Rue de Principe, 14, San Paulo. *Mycol.*
Netto, Dr. Ladislau, Dir. General Mus. Nacional, Rio de Janeiro. *Bot., Anth., Arch., Eth., Ethnog.*
Peixoto, Dr. J. Rodrigues, Rio de Janeiro. Zoologiste et anthropologiste, attaché ad Museo Nacional de Rio Janeiro.
Penna, Ferreira, Pará.
Puiggari, Dr. Juan I., Apathy, San Paulo. *Cryptogamia. C. Ex.*
Regnelé, Dr. A. F., Caldas, Minas Geraes. *Bot.*
Ribeiro, Julio, Morton College, San Paulo. *Philol.*
Ricardo, Krone, Ornithologist, Ignape. *Orn. Birds' skins and eggs to sell and exchange.**
Ringganí, Juan T., Apathy, San Paulo. *Cryptogamia.*
Rio Branco, J. M. de Silva, Rio Janeiro. *Geog., Eth.*
Rodde & Pape, Dealers, Bahia.
Rodrigues, Dr. J. Barbosa, Rio Janeiro. *Bot., Eth.*
Saldauha da Gama, Escola Polytechnica, Rio de Janeiro.

- Sequeira, Luis A., Belgian Consul, Pernambuco.
 Souza, Fontes, Prof. Dr., Rio de Janeiro. *Geog., Eth.*
 Soyaux, Herman, p. Viuva Claussen & Co., Porto Alegre, Rio Grande do Sul. *Bot., Hort., Tropical Agric., Meteo., Anth., Eth., Ethnogr., Ent.* C.*
 Thire, Prof. Arthur, School of Mines, Ouro, Prov. de Minas. *Min.*

CHILI.

- Domeyko, Ignacio, Catedrático de Mineralogia de la Universidad de Santiago. C.
 Espic, Juan Edwin, Delicias 269 B., Santiago. *Bot., Mic., Infusoria.*
 Lataste, Fernand, sous-directeur du Musée national d'histoire naturelle (section de Zoologie) et professeur de Zoologie à l'Ecole de médecine de Santiago. *Vert.**
 Philippi, Federico, Director del Jardín Botánico y Catedrático de la Universidad y del Instituto Nacional Santiago. *Bot., Ent.**
 Philippi, Dr. R. A., Director del Museo Nacional, Santiago. *Zool., Bot.*
 Reed, Edwin C., Calle Collegia, Valparaiso.

ECUADOR.

- Cordero, Luis, 14 Carabobo St., Cuenca. *Bot., Hort.*
 Destruge, Dr., Guayaquil.
 Flores, A., Quito.
 Gomez, Valdez C., Guayaquil.
 Herrera, P., Quito.
 Larrea, Manuel Angel, Quito.
 Matovelle, Julius, Cuenca.
 Peralta, Agustin J., 41 Solano St., Cuenca. *Bot., Hort., Phys., Philol., Ent.* Sells Coleopt. and Lepid.
 Lagerheim, G., Quito. *Bot.**

BRITISH GUIANA.

- Campbell, W. H., LL.D., Sec. Roy. Agric. and Commercial Soc., Georgetown.
 Exley, Percival, B. A., Prin. Queen's Coll., Georgetown. *Orn.*
 Francis, E. E. H., F.C.S., Government Analytical Chemist, Georgetown. *Chem.*
 Hawtayne, Geo. H., Georgetown. *Zool.*
 im Thurn, Everard F., M.A., Pomeroon River. *Anth., Orn.*
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- Rik, Gustavus, Dr., Sárospatak. *Chem.**
- Rinnböck, J. C., Simmering 14, Wien. *Mic.* (Diatoms). C. Ex.*
- Rogenhofer, Alois Friedrich, Custos am k. k. Naturhist. Hofmuseum, Josefstadterstr. 19 Wien. *Zool., Lepid., Hymenop.**
- Roth, Martinus, Prof., Iglo. *Min., Geol.**
- Roux, Dr. Word., Prof., Univ., Innsbruck. *Menschliche Anatomie u. Entwicklungsmechanik.**
- Russ, Carl, Officer, Wildstein, Bohemia. *Coleopt.**
- Sajo, Carl, Budapest. *Coleoptera, Hymenoptera, Hemiptera, Diptera.**
- Schiffner, Dr. Victor, Privat docent der Syst. Bot. an d. k. k. deutsch Univ., Prague, Bohemia. *Flora of Bohemia, Bryol.**
- Schlangenhäuser, Dr. Fridolin, Feldhof, bei Gratz. *Zool., Gen. Biol., Anth., Herpetol., Tax.**
- Schwackhöfer, F., Prof. Hochschule für Bodencultur, Vienna. *Agric., Chem.**
- Schwöder, Adolf, Müglitz, Moravia. *Gen. Bot.* C. Ex.*
- Sigmund, Alois, Gymnasium, Landskron, (Böhmen). *Petrography.**
- Simeck, Adolf, Bezirksecretär, Weisswasser (Bohemia.) *Coleopt., Lepid., Orn.**
- Skofitz, Dr. Alex., IV.; Mühlgasse 1, Wien, IV. *Bot.**
- Spaeth, Dr. Franz, Kohlmessergasse 3, Wien. *Coleopt.* C. Ex. Desires Coleopt., esp. Longicornes and Chrysomelites from all parts of the world.*
- Spitaler, Rudolf, Aast. der k. k. Sternwarte, Währing bei Wien. *Min., Photog., Meteo., Ast.* C. Ex.*
- Srdinko, Josef, Ingenieur, 1495-II, Prague, Bohemia. *Europ. Lepid.**
- Srnka, Anton Kón, Landescassier, Kleinseite 259, Prague. *Coleopt., Cicindelidae of the world.* Will buy and exchange.*
- Stefan, Dr. Freiherr von Washington, Schloss Pöls, Post Wildon, Steiermark. *Orn., Geogr., Distr. and Acclimatiz. of Birds.* Ex.*
- Steigerwald, Karl V., Chotebor, Bohemia. *Orn., Ent., Lepid.* Kauft ganze Reiseausbeuten von Coleopteren.*
- Stoffella, d'alta Rupe, Prof. Dr. Emil, Univ., Alserstrasse 25, Wien, VIII. *Pathol., Therapeutics.**

- Stolz, O., Prof. Univ., Innsbruck. *Math.**
- Stussiner, J. A., Wienerstrasse 15, Laibach (Krain). *Coleopt.* (esp. *Pselaphidæ* and *Scydmanidæ*), *Orthoptera* and *Con.* C. Ex.*
- Szombathy, Josef, Custos am k. k. Naturhistorischen Hofmuseum, Sig-mundsgasse 8, Wien, VII. *Anth.*, *Arch.*, *Osteol.**
- Terren, Andreas, Körmöczbánya. *Ent.*: *Lepid.*, *Coleopt.* C.*
- Teschler, Georg, Prof. Staats-Oberrealschule, Körmöczbánya. *Nat. Hist.*, *Chem.*, *Lithol.*, *Anat.*, *Herpetol.*, *Histol. of Vert.*, *Odontol.* C. Ex. Trachyto, Opal.*
- Thalhammer, Prof. Johann, Kalocsa bei Budapest. *Ent.**
- Tiesenhausen, Alexander, Baron von, Borgo Nuovo 4, Trient, Tyrol. *Moll.* C. Ex.*
- Toth, Dr. M., Kalocsa, bei Budapest. *Min.**
- Toula, Dr. Franz, Prof. der Mineralogie u. Geologie, an der k. k. tech-nischen Hochschule, IV., Wien. *Geol.**
- Traxler, Ladislaus, Dr., Munkacs. *Con.**
- Trusz, Simeon, Lehrer am k. k. Gymnasium, Przemyśl (Galizien.) *Syst. Bot.* C.*
- Tschusi zu Schmihdoffen, Victor Ritter von, Villa Tannen-hof bei Hallein, Salzburg, Chairman of Comm. for Ornithological Obs. in Austro-Hungary. *Orn.*, esp. *Orn. of Austria and Hungary.* C. Ex. Birds of Austro-Hungary, esp. of the Alps.*
- Vejdovsky, Franz, Ph.D., Prof. of Zool., University, Prague, Bohemia. *Zool.*, *Gen. Biol.*, *Emb. of Invert.*, *Comp. Anat.*, *Worms*, *Protozoa*, *Fresh-Water Sponges*, *Coccidæ*, *Psyllidæ*, *Hymenopt.* C.*
- Vetter, Karl, Assecuranz director, Prague. *Coleopt.* (*Cicindila*, *Carabus*).*
- Vlcek, William, Vinohrady 1, Prague, Bohemia. *Lepid.*, *Europ.**
- Wähner, Franz, k. k. Naturhistor. Hofmuseum, Privat-Docent an der Univ., Wien. *Geol.*, *Palæo.**
- Waltenhofen, Prof. Dr. A. von, Wien. *Electricity*, *Magnetism.**
- Weinek, Dr. Ladislaus, Prof. Univ. Prague, Bohemia, Dir. der k. k. Sternwarte. *Met.*, *Ast.**
- Weinzierl, Dr. Th. Ritter von, Docent, Vorstand der Samen-Control Stat, wirkl. Mitglied der Kaiserl. Leopold-Karol. deutscher Akademie der Naturforscher, Herrng. 13, Wien. *Samenkunde*, *Unterhachung der Kraftfuttermittel*, *futterbau.**
- Willkomm, Dr. Heinrich Moritz, Prof. Syst. Bot. d. k. k. Univ., Dir. d. k. k. Bot. Garten, Prague, Bohemia. *Bot.*, *Geog. Dist.*, *Flora of Spain.* C. Ex.*
- Witlaczil, Dr. Emanuel, Wien, III., Bechardgasse, 2. *Zool.*, *Anat.*, *Emb.**
- Zechenter, Dr. Gustav, Körmöczbánya, k. ung. Bergwesensarzt. *Geog-nosy*, *Min.*, *Bot.* C. Many spec. to ex.*
- Zenger, Chas. V., F.R.A.S., Prof. Nat. Phil. and Ast., Dir. Astrophysical Observatory, Karlsplatz, Polytechnic School, Prague. *Astronom-ical Photog.*, *Phosphorog.* Ex. for objects in the same line.*
- Zepharovich, Dr. Victor L., Ritter von, Hofrath, Prof. der Mineralogie an der k. k. Universität, Prague. *Min.*, *Crystal.* C.*
- Zfandner, Leopold, Dr. Ph., Prof. Phys. an der Univ., Innsbruck. *Phys.**

BELGIUM.

- Ballion, Jean, Gand. *Invert. Palæo.*, *Zool.*, *Anth.*, *Orn.*, *Ent.*, *Moll.* C. Ex.*
- Bayet, Ernest, membre des sociétés royale malacologique et scientifique, 58 rue Joseph II., Brussels. *Geol.*, *Min.*, *Palæo.* C. Ex. Desires espec. to receive fish, reptiles, shells, crustacea, polypus, crinoidia, and fossil insects of N. and S. America in ex. for fossils of Europe. Has 700 species in pairs to dispose of.*

- Boddaert, Albert, (Care of Prof. R. Boddaert), Ghent. *Comp. Anat., Worms espec. desired. Nat. Hist. of Flanders.**
- Candèze, Dr. Ernest, Glain, near Liège. *Ent., Elateridæ. C. Ex.**
- Candèze, Léon, Glain, near Liège. *Ent., Sphingidæ, Bombycidæ. C. Ex.**
- Carbounelle, Rev. P. Ignace, rue des Ursulines 14, Brussels. *Math.**
- Carnoy, Dr. J. B., Prof. Univ. Louvain, rue du Canal 22, Louvain. *Bot., Mic., Cellular Biology.**
- Casteele, Dé van de, rue de l'Onest, Liège. *Arch.**
- Corput, Dr. B. Ed van den, Prés. de la Comm. méd. du Brabant, Prof. à l'Université, 19 Avenue de la Toison d'or, Brussels. *Therapeutics. C. Ex. Library of 20,000 volumes, Nat. Hist. objects, medical portraits, about 3,000 autographs, manuscripts, antiquities, etc. Gallery of pictures, objects of art, curiosities.**
- Coubeaux, Eugène, 17 rue des Paroissiens, Brussels. *Bot., Palæo., Geol., Min., Crystal., Lithol., Zool., Vert., Articulates, Ent. C., esp. of Belgium. Ex.**
- Crocq, Dr. J., Prof. Univ., rue Royale 110, Brussels. *Geol., Mineralogy, Palæo. C. Ex. minerals and rocks of Europe for those of all parts of the world.**
- Dastot, Dr. Adolphe, Chirurgien-oculiste de l'ex-Inst. Ophtalmique Provincial, Mons.*
- De Ceuleneer, Dr. Adolf, Prof. Univ. of Ghent, Ghent. *Bibliog., Anth., Arch., Eth., Ethnog., Philol.**
- Delsaulx, Rev. P. Joseph, Prof. Phys., rue des Récollets 11, Louvain. *Phys., Math.**
- De Marbaix, Henri, Asst. à l'institut d'Anat. Pathol. et de Pathol. générale, Louvain.*
- De Moffarts, Ferdinand, Chateau de Stré par Huy. *Coleopt. C. Ex.**
- Denys, Jos., rue des Joyeuses Entrées 20, Louvain. *Anat., Gen. Pathol., et Bacteriol.**
- Dewalque, Gustave, Prof. ordinaire de Minéralogie, de Géologie et de Paléontologie à l'Université 17 rue de la Paix, Liège. *Min., Geol., Palæo. C. Ex. Desires fossils, espec. Devonian, and offers Minerals and Fossils of Belgium.**
- Dupont, E., Dir. R. Mus. Nat. Hist. Belg., Boitsfort, near Brussels. *Geol., Anth.**
- Errera, Dr. Léo, Prof. à l'Université, 1 rue Stéphanie, Brussels. *Bot.**
- Folie, François, Dir. de l'Obs. royal, Brussels.*
- Forir, H., Ingénieur répétiteur à l'école du Mines, rue Nysten 19, Liège.*
- Gedoelst, Dr. Louis M., rue du Canal 20, Louvain. *Mic., Gen. Biol., Histol.**
- Gilkinet, Alfred, Prof. Univ., rue Renkin 13, Liège. *Geol.**
- Gilson, Eugène, Chimiste, à Jette St. Pierre, Brussels. *Chem. Org., Gen. Biol.**
- Gilson, Gustave, Prof. Univ., Louvain. *Zool., Comp. Anat., Embr., Prehist.**
- Gravis, Dr. A., Prof. de Botanique à l'Univ., Directeur du Jardin botanique de Liège, (Belgium).*
- Jacob, L., Makoy & Co., Liège. *Bot. C. of plants.**
- Jorissenne, Dr. Gustave, Boulevard de la Sauvenière 130, Liège. *Pathol., Physiol., Bot., Geol. C. of plants, rocks, and fossils of Belgium.**
- Julin, Ch., Prof. Univ., rue Bassenge 46, Liège. *Mic., Anat., Compar. Emb.**
- Kupfferschlaeger, Isidore, Prof. Emer. Univ., rue du Jardin Botanique 18, Liège. *Chimiste.**
- Lameere, Auguste, Dr. Sc., Prof. à l'Univ., Chaussée de Charleroi 121, Brussels. *Biol.**
- Laurent, Dr. Emile, Prof. de l'Ecole d'Horticulture, Vilvorde. *Bot.**

- Lohest, Max, ingénieur. Asst. à l'Univ., 27 rue des Guillemins, Liege. *Geol., Paleo.**
- MacLeod, Dr. Julius, hoogleeraar brusselsches Steenweg, 734 Gentbrugge, near Ghent. *Zool., Anat., Emb.* C. Ex. Offers Coleopt., Hemipt., Arach., and molluscs of Belgium and wishes foreign Arach. and molluscs.*
- Mertens, Albert, rue Marie de Bourgogne 32, Brussels. *Coleopt.**
- Mertens, Gaston, rue Marie de Bourgogne 32, Brussels. *Coleopt.**
- Mourlon, Dr. Michel, Agrégé à l'Université, Conservateur au Musée Royal d'Histoire Naturelle, Membre de l'Académie des Sciences de Belgique, rue Belliard, Brussels. *Stratigraphical Geol., Upper Devonian and Tertiary.* C. Ex. for the Museum.*
- Pâque, E., S.J., Collège der-Ste. Cocur, Charleroi. *Phæn. and Crypt. Bot.* C. Herbs of Belgium.*
- Pelseueer, Paul, Prof. Dr., Normal School, Ghent. *Morphol. of Moll.* Wishes alcoholic specimens of Aximes, Verticordia, Pholadidea and other molluscs generally.*
- Petit Bois, Gustave, rue Louvrex 97, Liege. *Geol.**
- Plateau, Felix, Prof. à l'Université, Dir. du Musée, Boulevard du Jardin Zoologique 64, Ghent. *Zool. Comp. Anat.* C. Desires especially Myriapods.*
- Preudhomme de Borre, Alfred, Con. Musée Royal d'Hist. Nat., rue Seutin 11, Schaerbeck. *Bibliog., Zool., Gen. Biol., Geog. Dist., Articulates, Ent.: Coleopt.**
- Renard, A. F., Prof. Univ. Wetteren, à Wetteren-lez-Gand. *Geol., Min., Lithol.**
- Rutot, Aimé, Mus. Nat. Hist., Brussels, rue du Chemin de fer 31, St. Josse-ten-Noode. *Geol.**
- Schuermans, H., Premier President de la Cour d'Appel, Boulevard Frère-Orban 43, Liege. *Arch.**
- Sélyis-Longchamps, Baron Edmond de, Sénateur, Mem. de l'Académie Royale de Belgique, Boulevard de la Sauvenière 34, Liege. *Orn., Mam., Neuropt.**
- Spring, Walter, Prof. Univ., rue Beckmann 32, Liege. *Geol.**
- Stainier, Xavier, Dr., 70 Maussée de Wavre, Brussels. *Min., Geol., Paleo.**
- Stuckens, Maurice, rue porte aux Vaches, Ghent. *Vert., Anat., Moll.**
- Terby, François, Docteur en Sciences, Membre de la Société Royale Astronomique de Londres, Observatoire Privé, rue des Bogards 96, Louvain. *Phys., Ast.* Etude de l'Aspect Physique des Planets, et de la Lune. C. of drawings of Planets, Mars, Venus, Jupiter, Saturn, the Moon, etc. Ex. Publications on Astronomy, esp. for the Observ. of Planets.*
- Van Bastelaer, Désiré Alexandre Henri, Memb. l'Acad. Royale de Méd., et de l'Acad. d'Arch. de Belgique, Chev. de Leopold, rue de l'Abondance 24, Brussels. *Bot., Arch., Pharm., Chem., Hyg.**
- Van Bastelaer, René Désiré Emile, Attaché à la Bibliothèque royale. Cabinet des estampes, rue de l'Abondance 24, Brussels. *Grav., Arch.**
- Van Beneden, Edouard, Prof. à l'Université, Inst. Zool., Quai des Pêcheurs, So., Liege. *Embryology, Comparative Anat., Zool.* C. of the University. Ex. Wishes to receive Tunicates, esp. Ascidians.*
- Van den Broeck, Ernest, Mus. Nat. Hist., rue Terre-Neuve 102, Brussels. *Geol., Foraminifera.**
- Van Gehuchten, Arthur, Prof. d. Anat., Louvain. *Histol., Anat.**
- Vanlair, C., M.D., Prof. Univ. of Liege. *Gen. Biol., Histol. of Vert.**
- Willem, Dr. V., Univ., Ghent. *Zool.**

BULGARIA.

Demchevsky, Manoil D., Samakov. *Bot., Phæn. and Crypt. Plants, Organ. and Inorg. Chem., Phys., Zool. C. Ex.**

DENMARK.

- Aggersborg, N. N., Apotheker, Copenhagen. *Bot.**
 Andersen, A., Havrehed, Odense. *Bot.**
 Baagøe, J., Apotheker, Næstved. *Phæn. Bot., Hort., Orn. C. Ex.**
 Bartholin, C. T., Copenhagen. *Palæont., Bot.**
 Bauer, Chr. A. P., Cand. Pharm., Rudkjøbing. *Ichth., Reptilia und Amphibia. C.**
 Becher, A., Slagelsegade, Copenhagen. *Bot.**
 Bergh, L. Thorshavn, Færø. *Bot.**
 Bergh, Prof. Dr. Rudolph, Phys. to the "Vestre Hospital" of Copenhagen, Stormgade 19, 2. Copenhagen. *Zool., lower animals.**
 Bergh, Dr. R. S., Amcivej 5, Copenhagen. *Zool., Emb., lower animals.**
 Bergstedt, N., Bodilsker pr. Nexø. *Bot.**
 Boas, Dr. J. E. V., Copenhagen. *Zool.**
 Bohr, Dr. Christian, Physiol. Lab., Bredgade 62, Copenhagen. *Gen. Biol.**
 Börjesen, F., Østerbrogade 24, Copenhagen. *Bot., F. W. Algæ.**
 Borries, T., St. Kongensgade 90, Copenhagen. *Bot.**
 Borst, L., Medolden pr. Skjærbæk. *Bot.**
 Boysen, J. H. H., Ravnshøjsgade 6, 2, Copenhagen. *Bot.**
 Branth, Rev. J. S. Deichmann, Snetrup, near Skanderborg. *Lichenology.**
 Bremer, W., Copenhagen. *Bot.**
 Christensen, J. P., Norrevoldgade 92, Copenhagen, N. *Physics, Bot.**
 Collin, Jonas, Lyngbye. *Zool.**
 Eggers, H. F., Baron, Copenhagen. *Bot., Flora of West Ind.**
 Fausbøll, J., Hassing pr. Thisted. *Bot.**
 Feilberg, C., Østerbrogade 46, Copenhagen. *Bot.**
 Feilberg, Rev. H. F., Darum Præstegaard, near Bramminge Station. *Bot., Philol., Danish Dialects.* Student of Folk Lore; publisher of a Dictionary of Western Danish dialects, 26 sheets printed and published.*
 Flindt, H., Inspector of the Royal Gardens, Fredriksberg Runddel, V. Copenhagen. *Bot.**
 Friedrichsen, Th., Bot. Gar., Copenhagen. *Bot.**
 Friderichsen, K., Haderslev, Slesvig. *Bot., esp. Rubi. C. Ex.**
 Gelert, Otto, C. L., Copenhagen. *Bot., Rosaceæ. C. Ex.**
 Gram, Dr. J. P., Linnésgade 16, A., Copenhagen. *Math.**
 Grönlund, Chr., Monradsvej 17, V., Copenhagen. *Bot.**
 Hallas, Y., Sønderborg. *Bot.**
 Hannover, A., M.D., Prof., Gl. Kongevej 91, Copenhagen, V.*
 Hansen, Carl, Docent at the Roy. Ast. School, Copenhagen. *Bot., Cultivated Plants and Trees. C. Ex. European Plants, Fruits, and Fir Trees for foreign.**
 Hansen, Dr. Emil Chr., Vorstand des Physiologischen Laboratoriums, Carlsberg, Copenhagen. *Physiology of Plants and Fermentations.**
 Hansen, Dr. H. J., Zoological Mus., Copenhagen. *Zool., Ent.**
 Hansen, Dr. P. C. V., Sortedsamsgade 7, Copenhagen, N. *Math.**
 Heiberg, C. C. B., Apotheker, Nørrebrogade, Copenhagen, N. *Bot.**

- Helweg, L. del., Redacteur, Sec. de la Royale Danoise Soc. d'Horticulture, Copenhagen. *Bot.**
- Hempel, P., Apothek, Farimagsgade, Copenhagen. *Bot.**
- Henningssen, Valdemar, Regentsen, Copenhagen. *Phæn. and Crypt. Bot., Veg. Palæo. C. Ex.**
- Hildebrandt, Paul, Landskrona. *Bot., Cyperaceæ, Ferns, Mosses, Lichens. C. Ex.**
- Hohlenberg, J. S., Norregade 17, Copenhagen. *Naut. Meteor.**
- Holst, E. Möller, Harsdorfsvej 7, Copenhagen. *Bot.**
- Hörring, A. F., Fredriksborggade 26, 1, Copenhagen. *Bot.**
- Jacobsen, H., Hæsedø pr. Rønnede. *Bot.**
- Jensen, Arnold, Commander Royal Navy, Ostirbrogade 48, Copenhagen. *Phys., Geographical Dist. Corresponds in English.**
- Jensen, Chr., Hvalsø Apothek, Hvalsø Station. *Mosses. C. Ex.**
- Jensen, Hj., Borchs Collegium, Copenhagen. *Bot.**
- Jensen-Tusch, Harald, Col., Frederiksberg, Bredegade 21, Copenhagen. *Bot. C.**
- Jeppesen, Forstander for Staby Højskole, Ulfborg Station. *Danish Bot., esp. Fungi and Characeæ. C. Offers plants and seeds for foreign, esp. from the tropics.**
- Jeppesen, Gjedved, Seminarielærer, Horsens. *Bot. Ex. Mosses.**
- Jeppesen, J. Kr., Sejersler pr. Nykjöbing. *Phæn. Bot., Ferns, Mosses. C. Ex. Offers Phanerogams and Cryptogams of No. Europe, and wishes plants from all foreign lands.**
- Jersild, Dr., Tönder. *Bot.**
- Johannsen, W., Amicivej 1, Copenhagen. *Bot., Veget. Physiol.**
- Johnstrup, Fr., Prof. u. Director des Mineral-geogn. Museum der Universität, Copenhagen. *Min., Geol.**
- Jørgensen, Alfred, Director of laboratory for Mic. and Zymotechnical analysis, and preparation for absolutely pure yeast, Frydendalsvej 30, Copenhagen V. *Technical Microscopy.**
- Jørgensen, Dr. S. M., Prof. an der Universität, Gøthersgade 156, Copenhagen. *Chem.**
- Jungersen, Dr. H., Copenhagen. *Zool.**
- Kierskou, Hjalmar, Inspector of Botanical Mus., and teacher of Bot. at the Polytechnical School, Botanical Garden, Copenhagen. *Filices, Brassicæ, Myrtæ.**
- Kjeldahl, J., Carlsberg Laboratory near Copenhagen. *Chem.**
- Krabbe, Dr. Harald, Lehrer der Anatomie u. Physiologie bei der k. Veterinär-schule, Monradsvej 19, Copenhagen. *Vet. Anatomy, Helminthology.**
- Lange, Prof. Dr. Johan, Thorvaldsens Vej 5, V. Copenhagen. Prof. of Bot. in the Roy. Veter. & Agric. Acad., editor of the "Flora Danica." *Bot. Wishes N. American plants, espec. trees and shrubs in ex. for N. European and Greenland plants.**
- Lassen, Prof. Dr. J., Sortedaniogade 3, N. Copenhagen. *Bot.**
- Levinson, G. M. R., Inspector Zoological Mus., Copenhagen. *Zool.**
- Lind, N., Ribe. *Bot.**
- Löffler, Doc., Frederiksberg Allé 22, V. Copenhagen. *Geog.**
- Lorenz, Prof. Dr. Ludvig, V. Copenhagen. *Math.**
- Lotze, Gustav, Pres. Pharm. Assoc. of Denmark, Dir. Mus. of Antiquities, Odense. *Bot., Hort., Min., Arch. C. Ex. Am. Antiquities for corresponding coll. of Danish in silex.**
- Lowzow, A. G., Slettegaard pr. Helsingør. *Bot.**
- Lütken, Christian F., Dr. Phil., Prof. Zool. and Dir. of Dept. of Vert. in the Zoological Museum, Univ. Copenhagen, Nørregade 10, Copenhagen. *Gen. Zool., Palæo., Ichth.**
- Madsen, H. P., Vesterbro Apothek, Copenhagen. *Bot.**
- Meinert, Dr., 20 Falkonerallé, V. Copenhagen. *Zool.**

- Moltke, E. G., Norager pr. Ruds Vedby. *Bot.**
Mortensen, H., Johnstrup pr. Ballerup. *Bot.**
Müller, Dr. P. E., Director of the Royal Forests, Copenhagen, Voldrofsvej 55. *Bot., Forest Bot., Zool.**
Nielsen, P., Tystofte. *Bot.**
Nyeland, S., Vilvorde pr. Charlottenlund. *Bot. Gardening.**
Ottesen, L. O. C., Jagtvej 81, N. Copenhagen. *Bot.**
Pechyle, Dr., Observatory, K. Copenhagen. *Ast.**
Pedersen, N., Norager Vaaseskov pr. Ruds Vedby. *Bot.**
Pedersen, R., Gammelstoftsgade 4, K. Copenhagen. *Bot.**
Pedersen, Prof. R., Bot. Garden, Copenhagen. *Veg., Physiol.**
Petersen, E., Graasten, Gammelkstryade 4 K. *Bot.**
Petersen, Dr. C. G. Joh., Copenhagen. *Zool., Fishes, Moll.**
Petersen, O. G., Bot. Docent, Rørholmegade 14, Copenhagen. *Bot.**
Petersen, Dr. Peter C. J., Polytec. School, Copenhagen. *Math.**
Petersen, S., Slotsbjergby pr. Slagelse. *Bot.**
Petit, E., Harsdorfsvej, N. V. Copenhagen. *Bot.**
Philipsen, F., Fredricia. *Bot.**
Piper, H. A. T., Hjorte-Apotheker, Gothersgade, Copenhagen. *Bot.**
Poulsen, H. F., N. Oosløv pr. Præsto. *Bot.**
Poulsen, J. C., Odense. *Bot.**
Poulsen Viggo A., Ph.D., Rosenvængets Hovedvej 29, Copenhagen. *Bot.**
Rasch, C., M.D., Graabrodetorv 5, Copenhagen, K. *Bot., Marine Aglæ.**
C. Ex. Wishes Algæ in ex. for N. European Algæ.*
Raunkjær, C., Webersgade 5, Copenhagen. *Bot., Mycomycetes, Fungi.**
Reimers, D., Aarhus. *Bot.**
Riise, A. H., Frederiksberg Alle 12, V. Copenhagen. *Bot.**
Rørdam, K., Copenhagen. *Geol.**
Rosenberg, Caroline. Hofmansgade pr. Otterup Station. *Bot., Algæ.**
Rosenvinge, L. Kolderup, Frederiksborggade 31, Copenhagen. *Bot.: Algæ.**
Rostrup, E., Docent, Copenhagen, V. *Bot.: Fungi.**
Rostrup, O., Kjöbenhavn, V. *Bot.**
Rudmose, N., Bianco Lunos Allé, Copenhagen. *Bot.**
Rung, G. A., St. Kongensgade 85, Copenhagen. *Meteo.**
Rützou, Sophus, Cand. Pharm., Norregade 20, Copenhagen. *Bot., Mic.**
Salomonsen, Dr. Carl Jul., Højbroplads 9, Copenhagen, Prof. of Medical Bacteriology, Univ. of Copenhagen.*
Schmidt, Vald., Frederikshavn. *Bot.**
Schütz, C., Helsingör. *Bot.**
Seehusen, V. L., Copenhagen. *Bot.**
Steenstrup, Dr. Japetus S., Prof. Univ., Copenhagen. *Zool., Geol.**
Steenstrup, K. I. V., Forhaabningsholms Allé, 10-2, Copenhagen, Asst. Min. et Geol. Museum, Copenhagen, spec. Geol. of Greenland.*
Stockfleth, P. T., V. Osterbrogade 16, Copenhagen. *Bot.**
Tauber, P., Copenhagen. *Zool.**
Thiele, Prof. Dr. Thorvald, Nicolai, Observatoriet, Copenhagen. *Ast.**
Topoée, Dr. Haldor, Inspecteur Royal des Fabriques, Prof. à l'Académie Militaire, Copenhagen, V. *Chem. Crystal.**
Traustedt, M. P. A., Adjunkt, Herlufsholm pr. Næstved. *Zool., Tunica-cata.**
Trier, S. M., Rosenborggade 3, Copenhagen. *Bot.**
Ussing, N. V., Copenhagen. *Geol.**
Vestesen, B. Q., Mvnstersvej 4, V. Copenhagen. *Bot.**
Vilandt, Dr. Hans N. P., Ribe. *Bot., Cyperaceæ, Fossils. C.**
Warming, Prof. Joh. Eng. Bülow, Ph.D., Dir. Botan. Garden, Copenhagen. *Morphol., Phan. Bot., Arctic Plants.**
Winge, H. A., Zoological Mus., Copenhagen. *Zool., Mam.**
Wiinstedt, Dr. St., Gothersgade 30, 1, Copenhagen. *Bot.**

Zahrtmann, Hans, Hornslet, near Aarhus. *Bot., Insect fertilization.**
 Zeuthen, Prof. Dr. Hieronymus G., Univ., Copenhagen. *Math.**

FINLAND.

- Alfthan, A. E., Mag. Phil., Helsingfors. *Geog., Econ.**
 Arrhenius, Dr. Axel, Assist. Bot. Mus., Univ., Helsingfors. *Phæn., Bot. C. Ex.**
 Aschan, Dr. O., Doc. Univ., Helsingfors. *Chem.**
 Bergroth, Dr. E., Robertsgatan 11, Helsingfors. *Ent., esp. Hemipt.**
 Boldt, Ch. Em., Ph.D., Helsingfors. *Bot., Algæ., Desmids.**
 Boldt, Robert, Ph.D., Helsingfors. *Bot., Algæ.**
 Bonsdorff, Dr. Prof. Ernst, Helsingfors. *Math.**
 Brenner, M., Schuldirektor., Helsingfors. *Bot.**
 Brotherus, Dr. F. V., Helsingfors. *Bot.: Mosses.**
 Brothcrus, V. F., Ph.D., Helsingfors. *Bryol., Bot., Mosses.**
 Collin, I'r. Otto, Lehrer, Tawastehus. *Phæn. Bot., Orn., Ool. C. Ex.**
 Donner, Prof. Anders, Dir. Sternwarte, Helsingfors. *Ast.**
 Donner, Prof. Dr. Otto, Universität, Helsingfors. *Philol., Anth.**
 Ehnberg, K. J., Filos. Magister, St. Michel. *Lepid., Coleopt., Orn., Bot. Ex. Lepid., Coleopt., Phanerogams, etc., for objects from any part of the world.**
 Envald, R., Kand., Leppävirta. *Ent.**
 Eriksson, Dr. E., Helsingfors. *Bot.**
 Freudenthal, Prof. Dr. Axel-Olof, Universität, Helsingfors. *Philol.**
 Gad, C., Overlæge, Viborg. *Bot., Fungi.**
 Hållsten, Prof. K. G., Helsingfors. *Physiol.**
 Heikel, A. O., Kand., Helsingfors. *Arch.**
 Heikel, Dr. Oskar, Helsingfors. *Orn., Ool.**
 Hisinger, Baron Edward, Ph.D., Fagervik, Station de Karis. *Bot., Fungi, Algæ, Mic., Orthop., Neuropt., Hort., Agric.**
 Hjelt, Dr. Aug., Helsingfors. *Statistics.**
 Hjelt, Hj., Lector, Wasa. *Phæn., Bot.**
 Homén, Dr. W. Th., Doc. Univ., Helsingfors. *Physics, Meteo.**
 Houghberg, Dr. Emil, Helsingfors. *Orn., Ool. C. of eggs of Finland. Ex.**
 Justin, Edward, Helsingfors. *Bot.**
 Kihlman, Dr. A. Oswald, Docent an der Univ., Helsingfors. *Bot., Flora of Finland.**
 Lemström, Prof. Dr. Charles-Selim, Universität, Helsingfors. *Phys., Elect., Meteo.**
 Levänen, Sakris, Docent, Univ., Helsingfors. *Math., Ast.**
 Malmgren, Prof. Dr. André-Jean, Gouverneur, Ulcåborg. *Zool., Fishery.**
 Niklander, G., Eisenbahn-Inspektor, Wiborg. *Hort.**
 Nordquist, O., Inspector of Fisheries, Helsingfors. *Zool., Vert., Crust.**
 Petrelius, A., Magister, Helsingfors. *Math., Geodetic.**
 Ramsay, Dr. W., Doc. Univ., Helsingfors. *Min., Geol., Phys., Crystals.**
 Reuter, E., Helsingfors. *Ent.**
 Rindell, Dr. Arthur, Prof. Chem. Landw. Inst., Mustiala. *Inorg. Chem. C minerals of Tammela. Ex.**
 Roos, J., Kand. Phil., Frederikshamn. *Bot., Zool.**
 Rosberg, J. E., Kand. Phil., Kuopio. *Phys. Geog.**
 Sælan, Dr. Th., Prof., Helsingfors. *Bot.**
 Sandman, Jon A., Magister, Helsingfors. *Bot., Zool., Oöl. C. Ex.**
 Schulten, Dr. August, Docent, Helsingfors. *Inorg. Chem.**

- Sederholm, J. J., Geol. Survey of Finland, Helsingfors. *Lithol., Archæan and Glacial Geol.**
- Setälä, Dr. E. N., Doc. Univ., Helsingfors. *Orig. Languages* (Finland).*
- Solittander, Carl Probus, Helsingfors. *Geol., Met.**
- Spoof, A. R., Dr. Med. and Chir., Abo, Finland. *Gen. Biol., Vert., Anat., and Emb., Public Health; Acari, Worms.**
- Strömborg, J. E., Lector, Borgå. *Bot.**
- Sundman, Gosta Consul. *Birds' Eggs and Fishes of Finland.**
- Sundvik, E., Dr.-Prof., Helsingfors. *Physiological Chem., Pharmacologie.**
- Tengström, Dr. J. M. J., Lojo. *Lepid.**
- Unonius, K., Lector, Helsingfors. *Bot.**
- Vervander, J. H. E., Ph.D., Wilborg. *Bot.**
- Von Becker, Prof. Dr. F. J., Universität, Helsingfors. *Physiol., Chem., Pharm.**
- Westermarck, Dr. Edw., Andregetan 7, Helsingfors. *Sociol., Ethnol.**
- Zidbäck, Herman, Lektor, Ulcåborg. *Bot., Orn.**

FRANCE.

- Abbadie, Antoine d', Mem. Acad. Sci., Rue de Bac, Paris. *Geog. and Navigation.**
- Allard, Gaston, La Maulevrie, Route des Ponts-de-Cé, near Angers. *Coleopt., Bot.**
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- André, Ernest, rue des Promenades 17, Gray (Haute-Saône). *Ent.: Hemiptera and Formicariæ of the world.* C. Ex. Formicariæ of Europe for foreign.*
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- Audollent, Paul, Rue Mornay 5, Paris. *Gen. Ent., Anat., Physiol.**
- Bacle, Louis, Ingénieur des Mines, ancien élève de l'Ecole Polytechnique, Villa Péreire Asnières (Seine). *Phys.**
- Baer, Gustave-Adolphe, Trévise 13, Paris. *Coleopt.**
- Balgnerie, Alfred, Ingénieur en retraite des chemins de fer midi, Ancien Prés. de la soc. Linnéenne de Bordeaux, cours du Jardin public 84, Bordeaux. *Paleo., Con., Petrog., Min., Geol.**
- Barbier, Ch., Rue de la Goutte d'Or 61, Montmartre, Paris. *Coleopt.**
- Baret, Louis, Place Delorme 2, Nantes. *Ent., Hemipt.**
- Barla, Jean Baptiste, Consul Hon. de l'Empire du Brazil, ancien V. Consul de la Repub. Orientale de l'Uruguay, Dir. du Musée d'Histoire Naturelle, Place Garibaldi 6, Nice. *Bot., Mycology, Ichth.* C. Ex. meridional plants, orchids, mushrooms.*
- Bavay, Prof. à l'Ecole de Médecine Navale, Grand rue 45, Brest. *Conchology, Herpetology, Helminthology.* C. Ex. L., F. W. and Marine Shells.*
- Beauregard, Dr. Henri, Rue Gay Lussac 56, Paris. *Ent., esp. Cautharides.**

- Bedel, Louis, rue de l'Odéon 20, Paris. *Coleopt.**
 Bellerade, Bial de, Place Henri IV., Bordeaux. *Coleopt. Entomology.*
 C. Ex.*
 Belon, Prof. Paul, Place St. Michel 4, Lyon (Rhône). *Coleopt. C.*
*Lathridiidae and Longicorns of the globe. Ex.**
 Berchon, Dr. Ernest, Médecin principal de lière Classe de la Marine, en
 retraite, Sec. générale de la Soc. Arch.; Pres. de la Soc. d'Anth.,
 et Vice-Pres. de l'Acad. des Sciences, Belles-Lettres et Arts de Bor-
 deaux, 96 Court Jardin public et Château Cordeillan, près Pauillac,
 Gironde. *Zool., Geol., Anth., Arch., Med. C. Ex.**
 Bernard, F., Ingénieur, Carpentras, Vaucluse. *Coleopt., Lepid.**
 Bernard de Montessus, Ferdinand, Dr., Prés. Soc. des Sciences Naturelles
 de Saône-et-Loire, et de la Société française d'Orn. à Lyon, Mem-
 bre de plusieurs Sociétés Savantes; Chevalier de la légion d'honneur,
 Châlon-sur-Saône (Saône-et-Loire); Musée d'Orn. d'Europe, etc.,
 à Châlon. *Palaeo., Geol., Min., Orn., Ent., Lepid., Coleopt. C.*
*Ex.**
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*neumonidae). C. Ex.**
 Bertrand, Dr. E. J. H., Consenvoye Meuse. *Ent.**
 Besnard, rue des Ursuline 16, Le Mans, (Sarthe). *Orn.**
 Bétencourt, Alfred, 58 rue d'Outreau à Boulogne-sur-mer, Dir. du Labora-
 toire du Portel (Pas-de-Calais). *Hydratres, Bryozoarés.**
 Bigot, J. M. F., Officier de l'Instruction Publique etc., Mem. Soc. Ent. de
 France, rue Cambon 27, Paris. *Ent., Dipt.**
 Billaud, à Paris, rue Notre Dame de Lusette 39. *Orn.**
 Billiet, P., Rue de la Poudrière 1, Clermont-Ferrand. *Bot.**
 Binot, Jean, Boulevard St. Germain 155, Paris. *Coleopt.**
 Blanc, Edouard, Ave. Duquesne 45, Paris. *Coleopt.**
 Blanchard, Dr. Raphaël, Prof. agrégé à la Faculté de médecine, Sec.
 général de la Soc. Zool. de France, rue du Luxembourg 32, Paris.
Comp. Anat., Animal and veg. parasites of man and animals. Pre-
 pares a monograph of leeches, and wishes to receive samples marine,
 terrestrial or of soft water from every part of the world.*
 Blavy, Alfred, Nationale 21, Montpellier. *Ent.**
 Bleuse, Léon, 125 Avenue du Mail d'Onges, Rennes. *Coleopt. et lepid. du*
dept. d'Ille et Vilaine. Offre des livres d'histoire naturelle.*
 Bobeuf, Henri, Notaire, Marle, Aisne. *Coleopt.**
 Bonhoure, Alph., Boulevard Haussmann 82, Paris. *Coleopt.**
 Bonjour, passage St. Yves 23, Nantes. *Orn.**
 Bonnet, Dr. Edmond, préparateur de bot. au Mus. d'hist. nat., Paris. *Bot.**
 Bonnier, Gaston, Prof. à la Sorbonne, rue Amyot 7, Paris. *Bot.**
 Bonnier, Jules, 75 rue Madame, Paris. Sous-dir. du laborat. de Zool. de
 Wimereux. *Crustacés Décapodes, Schizopodes, Cumacés, Isopodes,*
*et Amphipodes. Ex.**
 Bornet, Ed., Membre de l'Institut, Quai de la Tournelle 27, Paris. *Bot.,*
*Algae.**
 Boust, Gustave, Secrétaire de l'Académie d'Aix-en-Provence. *Bot.**
 Boucard, Adolphe, Voyageur-Naturaliste, Officier d'Académie, Chevalier
 de l'ordre royal de la Conception, 13 rue Guy de la Brosse, Paris.
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 127, Lille (Nord). *Bot. C. Ex.* Mosses and Vegetable Fossils.*
 Bourru, Dr H., Médecin en chef de la marine; professeur de clinique
 médicale à l'Ecole de Médecine Navale, rue de la Forêt, Charente-
 Inférieure. *Nat. Sci., Clinique Médicale.**

- Boury, Eugène de, Membre de plusieurs Soc. Savantes. Théméricourt par Vigny (Seine et Oise) *Eocene Fossils, Mathildia, Scalaria, Acursa*, recent and fossil. Living shells from Gulf of Gascoyne et fossils du bassin de Paris for ex. contre Scalaria, livres traitant des Scalaria, etc. Scalaria and eocene fossils of Alabama, America.*
- Boutroux, Léon, Prof. à la Faculté des sciences de Besançon. *Bacterial Fermentations*.*
- Bouzereau, Malifert, à Meursault Côte d'Or. *Lepid*.*
- Boyenval, Dir. de la Manufacture Tabacs, Dijon. *Coleopt*.*
- Brabant, E., Château de l'Alouette, Escandoeuvres, près Cambrai. *Lepid*.*
- Brocard, M. E., rue de la Lue 9, Besançon, Doubs. Pres. de la Soc. des Ornithologistes de Frandre Comté. *Orn*. C. Ex.*
- Brongniart, Charles du, Muséum d'Histoire Naturelle, rue Guy-de-la-Brosse 8, Paris. *Zool., Paleo., Bot.* C. Fossils of the Carboniferous, Insects, and Fishes. Ex.*
- Bureau, Edouard, Prof. de Bot. au Mus. d'hist. nat., Paris. *Bot*.*
- Busquet, Dir. des houillères, La Machine, near Decize (Nièvre). *Geol., Veg. Paleo*.*
- Buysson, Henri du, Chateau du Vernet, Broût-Vernet (Allier). *Bot., Ent., Coleopt., (spec. Elaterida) Orthopt., Hymen., Dipt., Hernipt.* C. Ex. French specimens for American.*
- Buysson, Robert du, Château du Vernet, Broût Vernet (Allier). *Bot., Ent., Hymenopt. (special, Chrysidida of the world), Crypt.* C. Ex. French specimens for Amer.*
- Calais, Jean, à la Librairie B. Visconte et Cie, 2 rue du Cours, Nice (Alpes-Maritimes). *Ichthyol*.*
- Cambournac, Simon, Boulevard de la Gare 14, Narbonne, Aude. *Coleopt*.*
- Cann, Eugène, à Trith-Saint-Léger (Nord). Laboratoire de Zoologie de Wimereux (Pas-de-Calais). *Crustacés, Entomostracés*.*
- Cann, Eugène, Trith-Saint-Léger (Nord). Copépodes libres et parasites. Ex.*
- Caralp, Maître de conférences à la Faculté des Sciences, 22 allée St. Etienne, Toulouse. *Geol*.*
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- Certes, A., Inspecteur général des Finances; Ancien Prés. de la Soc. Zool. de France, rue de Varennes 53, Paris. *Physiol., Infusoria and Protozoa*.*
- Chadenat, Ch., 21 Quai des Grands Augustins, Paris. *Librairie Générale des Voyages, Livres, Gravures, Cartes, etc*.*
- Chambon, E., Dir. de l'Institut de Vaccine Animale, rue Ballu 8, Paris.*
- Chaper, Maurice, Ancien Prés. de la Soc. Zool. de France, Membre de la Soc. Géol. et Min., rue St. Guillaume 31, Paris. *Con.* Ex. Fossils, Marine, L. and F. W. Shells.*
- Chappius, P., Ph.D. Paris. *Phus*.
- Charlet, à Luz (Haute-Pyrénées). *Bot*.*
- Charpy, Victor, Ancien Notaire, Saint-Amour (Jura). *Moll.* C. Ex. L. and F. W. shells of France and foreign.*
- Chatin, Prof. Dr. Joannes, boulevard Saint-Germain 128, Paris. *Ent*.*
- Chervin, Arthur, M. D., Dir. of the Paris Inst. for the cure of Stammering, avenue Victor Hugo 82, Paris.*
- Cheux, Albert, rue Delaâge 47, Angers. *Meteo., Ast., Min., Ent., Lepid., Geol., Paleo.* C. Ex.*
- Chevallier, l'abbé L., Précigne (Sarthe). *Bot*.*
- Chevreux, Edouard, le Croisie, Loire Inférieure. *Zool., Amphipode Crust*.*
- Chrétien, Pierre, Rue de l'Etoile 32, Paris. *Lepid*.*

- Claudon, Edouard, Ingénieur, boulevard d'Enfer 6, Paris. *Chem., Min.; Microbiologie.**
- Colomb, Georges, Docteur ès sciences, rue Claude Bernard 33, Paris. *Bot.**
- Constant, A., Villa Niobé, Golfe-Juan (Alpes-Maritimes). *European Lepid., spec. Microlepid.**
- Copineau, Charles, Membre de la Soc. Bot. de France, Doullens (Somme). *Phæn., Bot., C. Ex. (general).**
- Coppet, De, Louis C., Ph.D., Villa Irène, aux Baumettes, Nice. *Crystal., Chem., Phys.**
- Cossigny, Ch. de Courcelles, par Clérey (Aube). *Geol.**
- Cosson, Ernest Saint-Charles, Membre Acad. Sc., rue La Boétie 7, Paris. *Bot.**
- Costantin, Julien, Prof. à l'Ecole Normale Supérieure, rue Claude Bernard 57, Paris. *Bot.**
- Cotard, Charles, Polytechnic School, 60 rue de la Chaussée d'Antin, Paris.*
- Cotteau, G., à Auxerre, Yonne. *Palæo. (Echinodermata).**
- Crètté de Palluel, Albert, au Château de la Vallée (Cotes du Nord). *Orn.**
- Crié, Prof. à la Faculté des Sciences, Rennes. *Bot., Veg. Palæo.**
- Croissandeau, Jules, rue due Bourdan blanc 15, Orléans. *Metal., Coleopt. Français et Corses, Psélaphidæ, Scydmenidæ, Pausidæ, Clavigeridæ du globe.**
- Crozel, Georges, place de l'Hotel de Ville, Vienne (Isère). *Geol., Palæo., Con., Crustacea, Anat., Gynecol. C. Ex. L., F. W. and marine Shells, Fossils and Mins. of France to exchange. Correspondence solicited.**
- Cuisine, Henri de la, Rue d'Assas, Dijon. *Coleopt., Lepid.**
- Curtel, Prof. au lycée de Dijon, Dijon. *Bot.**
- Daffry de la Monnoye, Adalbert, rue du Cherche Midi 11, Paris. *Ent.: Coleopt., Dipt. et Agriculture.**
- Daguillon, Prof. au lycée Michelet, 10 rue Linné, Paris. *Bot.**
- D'Alamouville, C. Con., au Château de Manonville (Meurthe et Moselle). *Ornith.**
- D'Aubusson, Meaugaud, à Paris, r. Poussin 36. *Orn.**
- De Carragon, à Chateaudun (Eure-et-Loir). *Orn.**
- Decharme, Doct. ès Sc., Chevalier de la Légion d'honneur, Prof. de Physique de l'Univ. (en retraite), Officier de l'Instruction Publique, rue Laurendeau 82, Amiens. *Phys.**
- Decène-Racouchot, Alfred, Antoine (Luzy), Nièvre. *Coleopt.**
- Decoppet, Casimir, Nice. *Chem.**
- Delaby, Edmond, Rue Amiral Courbet 10, Amiens. *Coleopt.**
- De Lisle du Drèneuc, Nantes. *Arch.**
- Demailson, Louis, Archiviste Paléographe, rue Cérés 21, Reims. *Ent.: Lepid. C. Mammals, Birds and Rept.**
- De Maricourt, G. René du Mesnil, homme de lettres, Villemétrie près Senlis (Oise). *Anth., Arch., (prehist).**
- De Montessus, à Chalons-sur-Saône. *Ornith.**
- Depéret, Doct. ès Sciences, Chargé de cours à la Faculté des Sciences, Lyon. *Geol., Palæo.**
- Desbordes, Henri, Rue de Rennes 121, Paris. *Coleopt.**
- Detaille, Charles, 38 Boulevard St. Germain, Paris. *Phys., Ast.**
- Deussault, Philibert, Dessinateur Géographe, rue des Lombards 12, Paris. *Geog.**
- Devaux, Henri, Docteur ès sciences, à la Sorbonne, Paris. *Bot.**
- Deyrolle, Emile, Naturalist, 46 rue du Bac, Paris. *Zool., Geol., Bot., Anat., Mic. C. of Colcoptera, Conchology, Lepidoptera, Mammals, Birds, Reptiles, Fishes, Osteology. Fossils, Min., Rocks, Optique Mineralogique.**

- Deyrolle, Henri, et Cie, place Denfert-Rochereau 20, Paris. *Ent.*, *Coleopt.*, *Lepid.* Vente et achat.*
- Dollé, Maurice, rue Chenizelles 2, Laon. *Coleopt.**
- Dollfus, Adrien, rue Pierre-Charron 35, Paris. *Crustacea*, *esp. Isopoda*.*
- Donckier de Donceel, Henri, 20 place Denfert-Rochereau, Paris. *Coleopt.*, *Lepid.*, *Exot.*, *Phytophages du globe*.*
- Douliot, Henry, Préparateur de Bot. (Anat.), Mus. d'Hist. Nat., 61 rue de Buffon, Paris. *Bot.**
- Dufour, Léon, Docteur ès sciences, à la Sorbonne, Paris. *Bot.**
- Dubriot, L'abbé, Marne. *Bot.**
- DuPlessis, Dr. G., Nice. *Coleopt.**
- Duval, C., Chef de Cultures au laboratoire de Fontainebleau, Fontainebleau. *Bot.**
- Estourbeillon (Comte Régis de L'), 24 rue du Drezen, à Vannes, (Mobil-ran, Inspecteur de la Soc. française d'Archéologie, Vice-Prés. de la Soc. Archéologique de Nantes, et de la Loire-Inférieure. *Arch.**
- Euthyme, Le Frère, Inst. des Petits-Frères de Marie, St. Genis-Laval près Lyon. *Coleopt.*, *Min.*, *Geol.*, *Arch.*, *Con.**
- Exibard, I., Préparateur-Naturaliste, Spécialiste pour les Poissons, Rue et Quai des Ponchettes, 6, Nice. *Ichthyol.* C. du Poissons, Crustacés, Radiaires, Mollusques, montés ou dans l'alcool.*
- Fabre, G., Inspecteur des Forêts, 26 rue Ménard, Nîmes. *Bot.*, *Geol.**
- Fages, Receveur de l'Enregistrement, Grenadi, H. Garonn. *Ex.**
- Fairmaire, Léon, rue du Dragon 21, Paris. *Coleopt.*, *Hymenopt.*, *Hemipt. of Europe*. C. *Ex.**
- Fauconnet, Mary-Louise, à la Frette, près Autun. *Coleopt.*, *spec. Longicornes of the World*. C. Offers Coleopt. of Europe for Longicornes from all countries.*
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- Félistis-Rollin, Jules, rue de Rennes 106, bis, Paris. *Coleopt.**
- Flahault, Charles, Prof. de Botanique à l'Université (Institut de Botanique), Montpellier. *Crypt. Bot.*, *Vegetable Anat.*, *Physiol.**
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- Flot, Docteur ès Sciences, Prof. au Lycée Charlemagne, Paris. *Bot.**
- Fol, Prof. Dr. Herm., Nice. *Emb.**
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- Foucaud, Mem. de la Soc. Botanique de France, Jardin Botanique de la Marine à Rochefort (Charente-Inférieure).*
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- Gadeceau, Emile, rue des Hauts pavés 11, Nantes, Loire-Inférieure. *Bot.**
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- Gandoger, Arnas (Rhône). *Phaner. Bot.**
- Gave, L'Abbé, Contamine sur Arve, Haute-Savoie. *Phanerogams*.*
- Gazagnaire, J., rue de la Clef 39, Paris. *Myriapoda*.*
- Gérard, à Beaume-les-Dames (Cote-d'Or). *Bot.**
- Gérard, Cl. Alb., Conserv. des Hypothèques, à Baume les Dames (Doubs) *Bot.* C. *Ex.**
- Gerbe, à Bras, Dept. du Nat. H. *Ornith.**

- Giard, Alfred, Prof. à la Sorbonne et à l'Ecole Normale Supérieure, 45 rue d'Ulm, Paris. Dir. du laborat. de Zool. de Wimereux (Pas-de-Calais). *Annelides, Ascidies, et Crustacés, Champignons parasites des Insects.**
- Giraudias, Louis, Receveur de l'Enregistrement, Foix (Ariège). *Bot. C. Ex. Plants of western France in exchange for foreign and those of eastern Europe and the Mediterranean. Plantes des Pyrénées en échange de plantes de l'Europe orientale, de la Méditerranée et autres.**
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- Goossens, Th., boulevard Richard Lenoir III., Paris. *Lepid.**
- Grandjean, route de Limoges 26, Moulins (Allier). *Ent., Coleopt.**
- Grisard, Jules, Sec. de l'Revue des Sciences Naturelles appliquées, Soc. Nationale d'Acclimatation de France, rue de Lille 41, Paris. *Bot., Hort., Bibliog., Arch.**
- Groult, Paul, naturaliste, 46 rue du Bac, Paris. *Zool., Geol., Bot., Anat., Microg., C. of Mammals, Birds, Fishes, Reptiles, Osteol., Insects, Coleopt., Lepid., Con., Fossils, Min., Rocks, Optique Mineralogique.**
- Guède, J. P., rue St. Beuve, Paris. *Coleopt.**
- Guératte, L., Ave. Herbillon 63, St. Mandé, Seine. *Lepid.**
- Guérin, Eugène, 4 rue Rambaud, Mâcon (Saône-et-Loire). *Geol., Malacology, Praehist., Coleopt. C. Ex.**
- Guerne, Baron Jules Germain de, Zoölogist on board the yacht of H. H. the Prince of Monaco, rue de Tournon 6, Paris. *Zool., especially invertebrates. C. Ex. Marine invert. in alcohol, deep sea and surface fauna, food of fishes and other marine animals.**
- Guillion, Paul, rue de Rosiers 6, Paris. *Ent.**
- Haller, Dr. Albin, Prof. à la Faculté des Sciences, 7 rue de Lorraine, Nancy. *Chem.**
- Hallez, Paul, Professeur à la Faculté des Sciences, rue de Valmy 9, Lille (Nord). *Zool. C. Ex. Lower animals in alcohol, particularly Turbellaria, Nématodes, Bryozoaires.**
- Hamard (abbé), à l'Oratoire, Rennes, France. *Geol., Arch., Préhist. C.**
- Hamonville, Baron Louis d', Conseiller-Général au Château de Manonville, par Noviant-aux-près, Meurthe-et-Moselle. *Orn., Ool., Con. C. Buys or exchanges Trochilidæ in skin. Ex. birds' eggs of Europe and shells of France for exotics. Spec. Cypselidæ, Hirundinidæ., Paradiseidæ.**
- Harmand, L'abbé, La Malgrange, près de Nancy, Meurthe-et-Moselle. *Phanerogams, Lichens.**
- Harscouet de Keravel, G., rue La Fayette, Rennes. *Antiq.**
- Haug, E., Chef des travaux pratiques au Laboratoire de la Sorbonne, 2 rue Antoine-Dubois, Paris. *Geol., Palæo.**
- Héribaud, Frère, Clermont-Ferrand, Puy-de-Dôme. *Phanerogams.**
- Héron-Royer, 10 rue de l'île, Amboise, (Indre-et-Loire). *Batraciens.**
- Heulz, M., Place de la Bastille 6, Paris. *Lepid.**
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 Bornemann, Gustav, Gr. Funkestr. 1, Magdeburg. *Lepid.* Will buy
 and ex.*
 Bornträger, Prof. Aug., Univ. Heidelberg. *Chem., Pharm.**
 Borst, L., Lehrer, Medolden, bei Sherrebeck (Schleswig-Holstein). *Bot.*
*Gramineæ, Cyperaceæ.**
 Branco, Prof. Dr. W., Mineral. Mus. der Universität, Königsberg in
 Prussia.*
 Braun, Prof. C. F., Univ., Tübingen. *Phys.**
 Braun, Prof. Dr. M., Rostock. *Vermes.**
 Brauns, Prof. David, Ph.D., M.D., Univ., Halle. *Geol., Min., Palæo.,*
*Eth.**
 Brehmer, Dr. H., Görbersdorf, bei Friedland. *Med.**
 Brown, Th., Dir. de la "Linnæa" (Société Internationale) Section Scandi-
 nave, Göteborg.*
 Buddeberg, Dr., Director der Realschule, Nassau. *Coleopt.**
 Bürger, Julius, Hainstr. 2, H, Leipzig. *Natur.-Arzt., Hydropath.**
 Carus, Jul. Victor, M.D., Ph.D., D.C.L., Professor Universität, Gellert-
 strasse 7, Leipzig. *Zool., Comp. Anat.**
 Chauvin, Fräulein Marie von, Freiburg in Breisgau. *Zool., Gen. Biol.,*
Ent., Neuropt. C.*
 Cohen, Prof. Dr. Emil, Univ., Greifswald. *Min., Petrography.**
 Cohn, Hermann, Ph.D., M.D., Prof. Univ., Schweidnitzer-Stadtgraben
 24, Breslau. *Ophthal., Phys., Elect., Hygiene.**
 Conwentz, Dr. H., Director des West Preuss. Provinzial Museums, Dan-
 zig. *Vegetable Palæo., Bot.**
 Cornelius, Prof. Dr. Carl Sebastian, Halle (Saxony). *Physics, Elect.,*
*Meteo.**
 Credner, Rud., Ph.D., Präs. d. Geog. Gesellsch., Prof. Univ., Greifswald.
*Geog.**
 Czechorzinski, Adolf, Göggingerstr. 11, Augsburg. *Lepid. and Hymen-*
*opt.**
 Deecke, Dr. Wilhelm, Univ., Greifswald. *Geol., Palæo.**
 Deichmüller, Dr. J. V., Directorial-Asst. am k. Min. Mus., Dresden.
*Palæo. u. Præhist.**

- Delffs, Prof. Dr. Wilhelm, Univ., Heidelberg. *Chem.**
 Dieckmann, H. Wilh., jr., Ferdinandstrasse 46, Hamburg. *Lepid. C.*
 (of Lepid. especially of East Siberia). *Ex.**
 Doebner, Prof. O., Royal Univ., Halle a. S. *Chem.**
 Doederlein, Ludwig, Ph.D., Dir. des Naturhistorischen Museums, Privat-
 Docent, Strassburg i. E. *Gen. Biol., Geog. Dist., Fossil Vert.,*
*Ichth., Echinoid., Sponges C.**
 Drechsler, Prof. Dr. G., Geheimer Regierungsrath, Univ., Göttingen.,
*Agric.**
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 Eck, Prof. Dr., Mineral. Mus. am Polytechnikum, Stuttgart.*
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 Mitglied der Kaiserl. Leopold Academie der Naturforscher, Inha-
 ber einer physicalisch-mechanischen Werkstatt, Munich. *Phys.**
 Emmerling, Prof. Dr. Adolph, Vorstand der Agriculturchemischen Ver-
 suchsstation und Privat-Docent der Universität, Bergstrasse 8,
 Kiel. *Agricultural and Physiological Chemistry.**
 Engel, Dr. Franz, Invalidenstr. 42, Berlin, N. *Bot.**
 Feddersen, Dr. Berend Wilhelm, Carolinenstrasse 9, Leipsic. *Physical*
*Sciences, especially Electricity.**
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 Felix, Dr. J., Privat-Docent a. der Universität, 3 Gellestrasse, Leipzig.
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 Medicine, and Medical Poliklinik, Univ., Bonn, Physician of the
 Friedrich Wilhelm Hospital, Teacher of Agric. Physiol., Acad.
 Poppelsdorf. *Physiol.**
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 Universität, Marburg (Marburg-on-the-Lahn). *Chem.**
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 Instituts, Düsternbrook 55, Kiel. *Anat., Histol., Morphology, and*
*Biology.**
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 Focke, Dr. Wilh. Olbers, Wall 206, Bremen. *Bot. Rosaceae, esp. Rubus,*
Hybridization. C. Ex. European Phanerogams for foreign Rosa-
*ceae.**
 Follman, Dr. O., Coblenz. *Palaeo.**
 Fresenius, Dr. Carl Remigius, Geheimer Hofrath u. Prof. Director des
 Chemischen Laboratoriums, Wiesbaden. *Inorganic, Technical and*
*Analytical Chemistry.**
 Fresenius, Prof. Heinrich, Ph.D., Vorsteher d. agriculturchem. Ver-
 suchsstation; Docent, Chem. Lab., Wiesbaden. *Agric., Chem.**
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 Neuerwall 61, I., Hamburg. *Geog., Cartog., Navigation.**
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 (Schleswig-Holstein). *Analytic Chemistry and Botany. C. Ex.*
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 Botanischen Museum, Gneisenaustr. 20, Berlin. *Pharmac., Bot.**
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 Heidelberg.*
 Goebel, Prof. Dr. K., Marburg. *Bot.**

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- Gruber, Prof. Dr. August, Friburg. *Invert., Zool., Gen. Biol., Protozoa, Infusoria.**
- Gumpenberg-Pöttmes, Karl Freiherr v., Rottmornstr. 11, II, Munich. *Lepid.**
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- Hahn, H., Gr. Storchstr. 6, Conservator des Entomd. Mus., Magdeburg. *Coleopt.**
- Harrach, Graf Ernst, Kl. Krichen, bei Lüben. *Agric., Mic., Zool., Orn., Ent.: Coleopt. C.**
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- Herpell, Gustav, St.-Goar-on-the-Rhine. *Bot.: Mosses and Fungi. C. Ex.**
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- Hofrath, Prof. Dr. Victor Meyer, Chemisches Laboratorium der Universität, Heidelberg.*
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- Jaennicke, Fred, Mayence. *Ent.: Dipt.**
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- Klein, Prof. Dr. C., Mineral. Mus. d. Univ., Berlin. *Min., Crystal.**
- Klein, Dr. Herm. J., Director der Wetterwarte der Kölnischen Zeitung, Besitzer eines Astronomischen Privat-Observatoriums, Cologne. *Ast. and Meteo. Topography of the upper surface of the moon.**
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- Kloos, Prof. Dr., Mineral. Mus. am Polytechnicum, Braunschweig.*
- Klunzinger, Dr. Carl Benjamin, Ord. Prof. der Zool., Anth., und Hygiene am Königl. Polytech., Moserstrasse 7, Stuttgart, Württemberg. *Zool., Ichth., Corals, Crustacea. C.**
- Knoblauch, Prof. Dr. Carl Hermann, Geheimer Regierungsrath, Präs. d. Kaiserl. Leop. Carol. Deutschen Akad., Univ., Halle. *Phys.**

- Kny, Dr. Leopold, Prof. a. d. Univ. und Landwirthsch. Hochschule, Kaiser-Allee, Wilmersdorf bei Berlin. *Bot., Bot. Physiol.**
- Koch, Dr. K. R., Prof. Technische Hochschule, Aachen. *Phys.**
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- Kohlmann, Reinhard, Vegesack, near Bremen. *Higher Mushrooms (Hymenomyces), Orn., Con., Min. C. Ex.* East India shells and higher mushrooms, fresh or dry, shells (Cypræa, Strombus, Voluta, etc.) Wishes crystallized minerals.*
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- Konow, Fr. W., Pastor, Fürstenberg, Mecklenburg. *Bot., Con., Min., Ent.: esp. Hymenoptera, Tenthredinidæ. C. Ex.**
- Kraepelin, Prof. Dr. Karl, Dir. Zool. Mus., Hamburg. *Zool.**
- Kraetzer, Dr. J., Mem. Malacozool. Gesell., Frankfurt a. M., Untermain-Anlage 7. *Bot., Palæo., Geol., Min., Crystal., Lithol., Moll. C. Ex.* Recent and fossil Moll., the latter particularly from the Alpine Triassic, Cretaceous and Tertiary formations.*
- Krancher, Dr. Paul Oscar, Carolinenstrasse 20, II., Leipzig. *Zool., Ent.: Hymen., Lepid., Coleopt. C. Ex.**
- Krantz, Dr. August, Rheinisches Mineralien-Comptoir, Coblenzerstrasse 121, Bonn. *Min., Palæo., Petrography. C. Ex.* minerals and fossils.*
- Krantz, Dr. Fritz, Besitzer d. Rheinisches Mineralien-Comptoir, Dr. A. Krantz, Coblenzerstr. 121, Bonn. *Min.**
- Krause, Dr. Aurel, Dresdenerstr. 113, Berlin. *Palæo., Eth.**
- Kregel, Richard, Nannhof, Saxony. *Coleopt.**
- Kreutz, Prof. S., Mineral. Mus. d. Univ., Krakau. *Min.**
- Landolt, Prof. Dr. Hans, Prof. Chem., Landw. Hochsch. und Univ., Berlin. *Chem.**
- Laspeyres, Dr. Prof. H., Universität, Bonn am Rhein. *Geol., Min., Lithol.**
- Lattermann, Georg, Dr. Phil., Geolog. Landesanstalt, Berlin N. *Geol.**
- Laubenheimer, Prof. A., Höchst am Main (bei Frankfurt am Main). *Chem.**
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- Lehmann, Otto, Ph.D., Prof. der Physik an der Lectnu'schen Hochschule, Karlsruhe.*
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- Leichtlin, Max, Eigenthümer eines Botanischen Privatgartens, Baden-Baden. *Bot., Introduction of new and rare plants. C. Ex.* Wishes correspondents abroad.*
- Lersch, E., Apothecary, Naunhof, Saxony. *Coleopt.**
- Liebe, Dr. Th., Prof., Kürassierstr. 2, Berlin, S. W. *Bot.**
- Liebisch, Dr. Theodor, Prof. der Mineralogie Krystallographie, u. Petrographie an der Univ., Göttingen. *Min., Crystal., Petrog.**
- Lindley, W. H., Civil Engineer, Member of the Institution of Civil Engineers (London), Fellow of the Geographical Society (London), Stadtbaurath, Frankfurt-on-Main, 29 Blittersdorffsplatz, Frankfurt-on-Main. *Sanitary Engineering.**
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- Lüdecke, Otto, Ph.D., Prof. der Mineralogie, Univ., Halle; Vorsitzender Naturwissenschaftlichen Vereins; Mit-Redakteur der Zeitschrift für Naturwissenschaft. *Geol., Min., Crystal., Anth.* Buy and sell. Ex. American minerals for old German specimens.*

- Ludwig, Prof. Dr. Friedrich, Gymnasial-Oberlehrer, Greiz. *Bot., Biol., Mykol.**
- Ludwig, Hubert, Dr. Phil., Prof. Zool. und vergleichenden Anat., Univ., Bonn am Rhein. *Zool., Gen. Biol., Geog. Dist., Emb., Anat., Vert., Mam., Orn., Herpetol., Ichth., Arach., Myriopoda, Crust., Worms, Moll., Radiates, Sponges, Protozoa, Infusoria. C. Ex.**
- Magnus, Dr. P., Prof. Bot., Univ., Blumeshorf 15. Berlin, W. *Bot.**
- Maltzan, Baron Hermann von, Händelstr. 14, Berlin. *Conchology, espec. geog. distribution of animals. C. Ex. Marine shells.**
- Mangoldt, Hans von, Prof. a. d. Königl. Technischen Hochschule zu Aachen. *Math.**
- Martens, Dr. E. von, Prof. Zool., 28 Paulstr., Berlin, N. W. *Moll.**
- Mayer, Dr. C. E. Louis, Privat-Docent, Schützenstr. 73-74, Berlin, S. W. *Lepid. C. Ex.**
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- Messer, C., Reallehrer, Bremen. *Bot.**
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- Meyer, Prof. Victor, Ph.D., Göttingen. *Chem.**
- Mez, Dr. Carl, Wilmersdorfer Weg 4-6, Berlin.*
- Minks, Dr. Arthur, Breitestr. 53-54, Stettin. *Bot.: Lichens (Anatomy and Morphology).**
- Möller, J. D., Präparator für Microscopie, Wedel, Holstein. *Diatoms.**
- Möller, Ludwig, Redakteur von Möllers Deutscher Gärtner-Zeitung, Erfurt, Thüringen. *Phæn. Bot., Fungi, Hort., Carpology. C. Ex.**
- Monke, Dr. Heinrich, Besitzer d. Rheinisches Mineralien-Comptoir Dr. A. Krantz, Coblenzerstr. 121, Bonn. *Palæo.**
- Müller, Dr. Wilhelm, Greifswald. *Ent., Crustacea. Caterpillars in ex. for South American bat. Ostracoda in exchange.**
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- Nissen, B. T., Glashtüttenstr. 121, St. Pauli, Hamburg. *Coleopt.**
- Nussbaum, Dr. Joh. Nep. Ritter von, k. b. Geheimerat, Universitäts Professor, Munich, Bavaria.*
- Obenauf, Gustav, Zeitz bei Leipzig. *Lepid., Coleopt. Will buy, sell and exchange.**
- Obenauf, Karl, Aue bei Zeitz. *Lepid.**
- Oppenheim, Prof. Dr. H., Blumeshof 1, Berlin, W. *Art., Photog.**
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- Ostwald, Prof. Dr. Wilhelm, Brüderstr. 34, Leipzig. *Chem., especially Theoretical and Physical.**
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- Pinner, Adolf, Ph.D., Univ., Berlin. *Chem.**
- Pinzger, Prof. Dr., Reichenbach. *Bot.**
- Potonié, Dr. Henry, Luisen-Platz 8, Berlin, N. W. 6. *Bot.**
- Pfeffer, Prof. W., Univ. Leipzig, Director des botanischen Instituts und des botanischen Gartens, K. S. Geheimer Hofrath.*
- Pictet, Raoul, Prof. Berlin. *Phys.**
- Poleck, Dr. T., Prof. Chem., Roy. Univ., Breslau.*

- Prantl, Dr. Karl, Professor der Botanik und Dir. des Bot. Gartens, Breslau. *Bot., Filices.* C.*
- Preuss, Wilhelm Heinrich, Navigation-Lehrer, Elsfleth. *Physical Science, Biology.* C. Ex. Beetles of the North of Germany for others.*
- Preussner, Ludwig, Ph.D., 4 Eisenacherstr., Berlin. *Geol., Chem.* C.*
- Pringsheim, Dr. N., Professor, Königin-Augustastr. 49, Berlin, W. *Bot., Phys.**
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- Reiber, Ferdinand, 8 Kronenburgerstrasse, Strassburg. *Photog., Bibliog., Arch., Ent.: Coleopt., Hemipt.* C. Ex.*
- Reiber, Ferdinand, Faubourg de Saverne 8, Strassburg (Alsace). *Coleopt., Hemipt.**
- Reichenow, Dr. Anton, Kustos am. Kgl. Zool. Mus. und Schriftführer der Allgemeinen Deutschen Ornithol.-Gesellschaft zu Berlin, Invalidenstr. 43, Berlin, N. *Orn., Mammals, Herp.**
- Renz, Dr. Wilh. Theodor, Kgl. Baderarzt und Geheimer Hofrath und Vorstand u. Cus. der Anstalt, Wildbad, Wuertemberg. *Balneology, Neurol., Electricity.* C. Ex.*
- Rey, Eugene, Ph.D., Flossplatz 11, Leipsic. *Orn., Ool.* C. Ex.*
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- Schaufuss, Camillo Festiv, Chef der Firma: L. W. Schaufuss sonst E. Klocke. Naturalienhandlung, Dresden. *Zool.* C. Ex. for insects and shells.*

- Schauinsland, Dr. H., Dir. der Städtischen Sammlungen für Naturgeschichte und Ethnog., Bremen. *Zool.**
- Scheffer, Karl, Post-secretär., 56 Glauburgenstrasse, Frankfurt a. M. *Math. and Phys.**
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- Schlüter, Wilhelm, Naturalist, Halle-on-Saale. *Zool., Vert., Mam., Orn., Ool., Iaz., Osteol., Moll. C.**
- Schonfeldt, v. Oberstlieutenant, Funkerstr. 14, Weimar. *Coleopt. (Scarab. Japan Fauna)**
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- Urban, Prof. Dr. Ignatz, Unterdirector des Königl. Botan. Garten und Botan. Mus., 5, 2 W., Berlin, Sponholzstrasse 37, Friedenau, near Berlin. *Bot.**
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 Brunchorst, J., Dr. Phil., Curator of Mus., Dir. of "Naturen," Magazine of Nat. Sci., Bergen. *Bot.*, *Physiol.*, *Fungi*.*
 Collett, Robert, Prof. of Zoology, and Director of the Zoological Museum of the University, Christiania. *Vertebrates*.*
 Danielsen, Dr. Daniel Cornelius, Chief Physician, President of the Museum, Bergen. *Marine Invertebrates*. Ex. for the collection of the Museum.*
 Foslie, M., Cur. Mus., Tromsø. *Algology*. C. Ex.*
 Friele, Herman, Dir. of the Museum, Bergen. *Malacol.* C.*
 Grieg, James, Conservator am Bergens Mus. *Zool.**
 Guldberg, Prof. Dr. Cato M., Universitas Regia Fredericiana, Christiania. *Math.**
 Gustafson, G. A., Cur. of Mus., Bergen. *Arch.**
 Hagemann, Axel, Forstassistent, Saltdalen pr. Bodø. *Arctic Coleoptera*. C.*
 Landmark, A., Fischerei Inspector, Christiania. *Orn.**
 Landmark, Rev. J. R., Flakstad. *Bot.* C. especially of Arctic Zone.*
 Nansen, Fridtjof, Ph.D., Curator Zool. Mus., Univ., Christiania. *Zool.*, *Histol.**
 Norman, J. M., Forstmeister, Laurvig. *Arctic Norwegian phanerogamie Flora*, *Lichenology*. C. Ex.*
 Pettersen, Karl, Dir. Mus., Tromsø. *Geol. of N. Norway*.*
 Schneider, Jacob, Sparre, Con. Mus., Tromsø. *Ent.*: *Arctic Lepid.*, *Crustacea*, *Moll.*, *Geog. Dist.* C.*
 Thomassen, T. Ch., Bergen. *Norwegian Min. and Geol.**
 Tryborn, Dr. Filip, Christiania. *Ichth.**
 Wille, N., Dr., Prof. Agric. Inst., Aas pr. Kristiania. *Bot.*, esp. *Algol.*, *Anat.*, *Physiol.*.*

PORTUGAL.

- Carvalho Monteiro, Antonio Augusto de, D.S., LL.D., Memb. of many Sci. Soc., rua do Alecrim 70, Lisbon. *Lepid. of the globe*. C. Ex. Offers European, Brazilian, and African (from Portuguese colonies) spec. for those of Madagascar, India, China, Ceylon, Australia, N. Am., etc.*
 Delgado, Joaquin Philippe-Nery, Directeur de la Commission des travaux géologiques, 113 Rua do Arco a Jesus, Lisbon. *Geol.**
 Lima, Dr. W. de, Prof. de Géol. à l'Académie Polytechnique, 137, Cedo-feita, Oporto. *Geol.*, *Veg. Palæo.**

ROUMANIA.

- Licherdopol, Prof. J. P. (Bura), Chaussée Dorobanti, Bucharest. *Geol., Bot.* C. Ex. fossils, mollusks and rocks of all countries.*
 Montandon, Arnold L., Dir. de la Fabrique d'Equipements militaires, Filarete, Bucharest. *Gen. Ent., spec.: Hemipt., Heteropt.* Desires Hemiptera of all countries, determined or not, in exchange for Hemipt. Coleopt., shells collected in the Carpathians.*

RUSSIA.

- Alexeyeff, Pierre, Prof. Univ., Kiew. *Chem.* C. Ex.*
 Beck, Dr. Alexander, Prof. am Baltischen Polytechnicum, Riga.*
 Biel, Dr. Johannes, Handelshaus Louis Gercke, St. Petersburg. *Analyt. Chem.**
 Bispen, Théodor, Moika 40, Qu. 41, St. Petersburg. *Lepid.**
 Bobyleff, D. Bobylew, Prof. de Universität, St. Petersburg.*
 Bramson, K. L., Gymnasial Prof., Ekaterinoslaw. *Lepid. (esp. Rhopalocera), Coleopt., Hymenopt.* Ex. and for sale.*
 Büchner, Eugen, Conservator am Zool. Mus. der Kaiserlichen Acad. der Wissenschaften zu St. Petersburg. *Mammals.**
 Bunge, Nicolaus, Prof. Technischen Chem. a. d. Univ., St. Vladimir, Kiew. *Chem.**
 Driedricki, Harry, M.D., N. 23 Chlodna, Warsaw, Poland. *Dipt., Mycetophilidae.**
 Erschoff, Nicolas, Wassili Ostrw. 15, Line 12, St. Petersburg. *Lepid. C. Ex.**
 Glasenapp, Maximilian, Prof. am Polytechnicum, Riga. *Chemische Technologie, Waarenkunde, Photog.**
 Glasenapp, Serge von, Prof. der Astronomie, Dir. der Sternwarte der kais. Universität, St. Petersburg. *Ast.**
 Goronowsch, N., pract. Arzt, Kaiserliche Naturforschende Gesellschaft zu Moskau. *Zoomorphologie.**
 Grimm, Dr. Oscar von, St. Petersburg, Redacteur der Russ. Fischerei Zeitung. *Ichth., Biol.**
 Klossovsky, Alexander, ordentlich Prof., Univ., Odessa. *Phys. Geog.**
 Lindemann, Eduard, Wissenschaftlicher Secretair der Sternwarte, Pulkowa, near St. Petersburg. *Ast., especially Photometric.**
 Maximowicz, Charles John, Ord. Member Imp. Acad. and Botanist at Imperial Botanic Garden, St. Petersburg. *Bot., Phytography and Phytogeography, Flora of E. and Central Asia and Russia.* Dried plants from America and elsewhere, either for Academy or Botanic Gardens, bought or exchanged. U. S. Carices and Salices, authentically named. Offers in return dried plants from Russia, Siberia and Turkestan.*
 Menschutkin, Nicolas, Prof. Chem., Kaiserliche Univ., St. Petersburg.*
 Nolcken, Baron, Gen. Major a. D., Pichtendahl. Brief address: Riga, Thronfolger-Boulevard 6. *Macro- and Micro-Lepid. C. Ex.**
 Petersen, Wilhelm, Conservator am Mus., Reval (Estland). *Lepid. of the World. C. Ex.**
 Pohrt, Nicolai, Ingénieur, Chemiker, Versuchsstation am Polytechnikum zu Riga. *Chem.**
 Schmidt, Christian, Chemiker, Versuchsstation am Polytechnikum zu Riga.*
 Schnabl, Johann, M.D., N. 59 Krakauer Vorstadt, Warsaw, Poland. *Dipt. Brachycera.**

- Schwedoff, Dr. Theodor, Prof. Univ., Odessa. *Phys.**
 Sintenis, F., Oberlehrer, Dorpat. *Lepid., Coleopt., Dipt. C.**
 Stelling, Edward, Director des Magnetisch-Meteorologischen Observatoriums in Irkutsk, Russia.*
 Thome, Joh., Fredrikstad. *Orn.**
 Thoms, Prof. George, Riga. *Agric. Chem., Physiol. Chem.**
 Wassilieff, Prof. Alex., Univ. Kasan. *Math.**
 Wild, Dr. Heinrich, Wirkl. Staatstrath, Mitglied der Academie der Wissenschaften, und Director des physikal Central-Observatoriums, St. Petersburg. *Physics, especially Meteorology and Terrestrial Magnetism.**
 Woronin, Dr. M., St. Petersburg, Wasilia Ostroff, 9 Linie, Haus 2, Wohnung: 12.*

SPAIN.

- Adan de Yarza y Torre, Ramon, Ingeniero de Minas, Lequeitio. *Litologia, Micrografia.**
 Almera, Jaime, Presbítero, Canónigo, Catedrático de Geología en el Seminario conciliar, calle de Sagristans, 3, 2.º, Barcelona.*
 Arcimis, Augusto, Dir. del Inst. Central Meteorologico, Monte Esquinza, 7, 3.º, Madrid. *Meteo.**
 Bofill, Arturo, Cortes, 297 y 299, 3.º, Barcelona. *Bot., Con., Fossils of the Miocene and Pliocene.**
 Calderon y Arana, Salvador, Doctor en Ciencias, Catedrático de Historia natural de la Facultad de Ciencias, de la Universidad, Sevilla. *Min., Petrog.**
 Comerma, Andrés A., Ingeniero de la Armada, Ferrol.*
 De Mazarredo, Carlos, Ingeniero de Montes, Claudio Coello, 22, pral., Madrid. *Arach., Myriopoda. C.**
 Dosset, José Antonio, Dr. en Pharmacie, Zaragoza. *Diatoms, Photomicrography.**
 Escalante, José, Doctor en Ciencias y Catedrático de Historia Natural en el Instituto de Santander, Mendez-Numéz, 7.*
 Fungairino, Eduardo, Orellana, 5, 3.º, Madrid. *Diatoms.**
 Gomez Carrasco, Enrique, Postigo de San Martin, 9, 2.º, Madrid. *Ent. general.**
 Iñarra y Echeverría, Fermin, Catedrático Supernumerario, por oposicion, de Ciencias físico-químicas y naturales en el Instituto del Cardenal Cisneros, C. Gravina, 14, 2.º, Madrid.*
 Lopez Cepero, Adolfo, Chiclana (Cádiz). *Ent., Coleopteros de Europa.**
 Medina y Ramos, Dr. Manuel, Goyeneta, 27, Sevilla. *Gen. Ent., Hymenop.**
 Mena, Rafael, Instituto Malaga. *Orn., Ool.**
 Monjo y Monjo, Pedro, Conservador del Museo municipal, Mahon (Menorca). *Con.**
 Ornela, Domingo de, Ingenieur de Mines, Malaga. *Infusoria, Photomicrography.**
 Pantel, José, S. J., Monasterio de Uclés, Tarancon (Cuenca). *Coleópteros, Ortópteros.**
 Quiroga y Rodriguez, Francisco, Doctor en Ciencias y en Farmacia, Catedrático por oposicion el de Cristalografía en Museo de Ciencias naturales, calle de Goya, 35, 3.º, Madrid. *Min., Geol., Crystal.**
 Reyes y Prosper, Eduardo, Dr. en Ciencias Naturales, San Bernardo 56, 2.º, derecha, Madrid. *Anatomia Comparada, Micrografia, Cristalografia, Dibujo científico.**

- Ribera Emilio, Doctor en Ciencias naturales, Catedrático de Historia natural en el Instituto y autor de varios obras para la enseñanza en España y América. Plaza de la Aduana, Valencia.*
- Rodriguez y Femenias, Juan J., C. de la Libertad, 46, Mahon (Menorca). *Algæ*.*
- Ruiz, Casaviella, Juan, Licenciado en Farmacia, Caparros (Navarra). Botanica espec. plantas Navarras. *Tax.*, *Orn.**
- Singala, José Capdebon, Havina 28, Palma, Majorca (Balearic Isles). *Fauna Balearic*.*
- Tremols y Borrrell, Federico, Catedrático de Química inorganica aplicada de la Facultad de Farmacia en la Universidad, C. Princesa 1-3-2, Barcelona. *Bot.**
- Truan, Alfred, Gijon, Dir. des Verreries de Gijon. *Diatoms*, *Photomicrography*.*
- Vergara, Mariano, Avocat, ex. Deputé, ex-Prefect, Prof., Univ., Membre des Academies, de l'Histoire, des Beaux-Arts et de Jurisprudence, Madrid, Plaza de Santa Barbara. *Gen. Sci.*, *Agric.*, *Bibliog.**

SWEDEN.

- Ahlner, K., Ph.D., Lehrer, Wexjö. *Algology*.*
- Alén, J. E., Ph.D., Göteborg. *Chem.**
- Angström, Dr. Knut, Laborator u. Director des Phys. Instituts der Hochschule in Stockholm. *Phys.**
- Aurivillius, Carl W. S., Docent d. Univ., Phil. Dr., Upsala. *Zool.*, *Crustacea*.*
- Blix, Magnus, Prof., M.D., Lund. *Physiol.**
- Blomberg, Olof Gotthard, Pastor, Ekensholm. *Lichen*. C. Ex.*
- Bothén, C. O., Göteborg. *Zool.*, esp. *Orn.* C. Ex.*
- Cronvall, Axel Jul. A., Ph.D., Semin. Lehrer, Linköping. *Meteor.**
- De Geer, Gerard, State Geologist, Geolog. Byrån, Stockholm. *Geol.*, *Glac.**
- Dusén, K. F., Ph. Dr., Oberlehrer der Naturgeschichte und Chemie am Gymnasium zu Kalmar. *Bot.* Sphagnaceæ. C. Ex. fine specimens of Scandinavian Sphagnaceæ for others.*
- Ekman, Fredrik Laurenz, Ph.D., Prof. Tekniska Högskolan, Stockholm. *Chem.*, *Technol.*, *Hydrography*.*
- Erdmann, Edvard, Geolog. Amanuens. d. geol. Mus., Stockholm. *Geol.* Coal Mines and Quaternary deposits.*
- Ericson, T. B., Göteborg. *Coleopt.* C. Ex.*
- Eriksson, Prof. Jacob, Ph.D., Prof., Dir. Agric. Bot. Stat., Albano, Stockholm. Editor of "Fung. paras. scand. exsicc." and of "Collectio Cerealis." *Bot.*, *Physiol.*, *Fungi*, *Cornvarieties*. Ex.*
- Eurenius, M. C. J., Ph.D., late Lektor, Dir. Zool. Mus., Malmö. *Zool.*, *Arch.* C. Ex.*
- Flink, Gust., Dealer in Scandinavian Min., Karlbergsvägen 12, 3 fr., Stockholm.*
- Floderus, Manfred M., Ph.D., Rektor, Upsala. *Phys.*, *Math.*, *Ent.*, *Bot.**
- Forssell, Dr. K. B. J., Karlstad. *Lichens*. C. Ex. lichens of Sweden and Norway for those of other countries.*
- Geologiska Föreningen, Stockholm, 1889. Pres., Dr. Th. Nordström; Sec., Dr. Eugène Svedmark.*
- Goës, Axel, M.D., Kisa. *Prophylactic Medicine*, *Invert.*, *Gen. Biol.*, *Rhizopoda*.*
- Gyllencreutz, Dr. Richard, Atvidaberg. *Bot.**
- Hasselberg, Dr. Bernhardt, Mitglied der R. Akademie der Wissenschaften, Stockholm. *Phys.**

- Hedenius, Per, M.D., Prof., Rector Univ. at Upsala, Trädgårdsgrtan 8, Upsala. *Pathol., Morbid. Anat.**
- Hellbom, P. J., Ph.D., Lehrer, Örebro. *Bot., Lichens.**
- Hildebrandt, Paul, Landskrona. *Bot., Cyperaceæ, Ferns, Mosses, Lichens. C. Ex.**
- Holm, Gerhard, Ph.D., Palæontologist to the Geol. Survey, Geolog. Byrån, Stockholm. *Geol., Palæo., esp. Cambrian and Silurian fossils. C. Ex.**
- Hulting, Johan, Ph.D., Lehrer, Norrköping. *Bot., Lichens. C. Ex.**
- Key-Aberg, Dr. Algot, Prof. Royal Caroline Med.-Chirurg. Inst., Stockholm. *Forensic Medicine.**
- Kindberg, Nils Conrad, Ph.D., Lektor, Linköping. *Bot., Bryol., Zool. C. Ex. Offers mosses and flowering Alpine plants.**
- Kjellman, F. R., Ph.D., Prof., Upsala. *Bot., Algology and Arctic Phæn. Flora. C. Ex. Scandinavian Marine Algæ. Desires esp. Fucoidea.**
- Klercker, Dr. Jolmaf, Docent Univ. of Stockholm, Stockholm. *Anat. and Physiol. Bot.**
- Leche, Dr. Wilhelm, Prof. der Zoologie an der Hochschule, Stockholm. *Morphology of Vertebrata. Desires Mammals in alcohol.**
- Leffler, Johan A., Dr. Phil., Stockholm. *Bot. (Rosæ, Spergulariæ), Phæn. Plants.**
- Lewin, Maria, Tegnersgatan 2, Stockholm. *Bot., esp. Algal.**
- Lignell, Emil, Göteborg. *Zool., esp. Orn. C. Ex.**
- Lindblad, Dr. Mathias Adolph, Stockholm. *Mycology.**
- Lindberg, Gust., Kamrerare, Kommerce-Kollegium, Stockholm. *Bot., espec. Cactæ.**
- Lindgren, Erik, Dir. Roy. Agric. Acad., Exper. Garden, Experimentalfältet, Albano near Stockholm. *Bot., Hort.**
- Lindhagen, Arvid., Ph.D., Stockholm. *Art.**
- Lindman, Carl Axel Magnus, Dr. Phil., Lector (Gymnasial Oberlehrer), Stockholm. *Bot., Phæn. Plants, Crypt. Plants, Gen. Biol., Morphol.**
- Lindskog, Nat., Ph.D., Docent Mech., Upsala.*
- Lindström, Axel Fr., State Geologist, Geolog. Survey of Sweden, Stockholm. *Geol. C.**
- Lindström, Gustaf, Asst. Mineralogical Dept., State Museum, Stockholm.*
- Lindström, Gustaf, Prof., keeper of Palæo. Dept., State Museum, Stockholm.*
- Linnæusson, E. J. S., Adjunct., Skofde. Cultivates and exchanges living plants from northern regions.*
- Ljungström, Ernst, Dr., Doc. Univ., Lund. *Bot., Mycol. Deutsche Corresp. erwünscht.**
- Lundberg, Rudolf, Ph.D., Inspector of the fisheries in Sweden, except Bohuslän, Stockholm. *Ichth., Invert. living in water.**
- Lundbohm, Hjalmar, State Geologist, Stockholm, Geologiska byrån. *Geol., Tech.**
- Lyttkens, August, Dir. Vorstand der Samenkontroll-Station, Nydala pr. Halmstad. *Phæn. Bot., Agric. C. Ex. seeds, plants, and woods.**
- Lyttkens, I. A., Ph.D., Norrköping. *Phonetics.**
- Malm, Dr. Inspector of Sea-fisheries, Göteborg. *Ichth.**
- Mittag-Leffler, Prof. Dr., Redacteur von Acta Mathematica, Stockholm, N. *Math.**
- Nathorst, Alfred Gabriel, Ph.D., Prof., Acad. of Sciences, Stockholm. *Palæo.: Fossil plants.**
- Neuman, L. M., Ph.D., Rektor, Ystad. *Bot., Phanerog. and Ferns. C. Ex. Viola, Rubus, Potamogeton, Sparganium.**

- Nilsson, Henrik, Göteborg. *Zool., esp. Ool. and Coleopt.* C. Ex.*
 Nordstedt, Dr. Otto, Keeper at the Bot. Mus. Univ., Lund, Editor of
 Botaniska Notiser. *Bot., Characeæ, Desmids, Freshwater Alge.*
 C. Ex.*
 Olbers, Alida, Nybrogatan, 49, Stockholm. *Anat., Bot.**
 Olsson, P., Ph.D., Lehrer, Norrköping. *Bot., Mosses.**
 Olsson, Dr. Peter, Lektor, Östersund. *Zool., especially Pisces, Crust.,*
Copepoda, and parasitic Vermes, Bot. C.*
 Phragmén, E., Sec. de la rédaction des *Acta mathematica*, Stockholm, N.
*Math.**
 Pihl, A., Direktor, Stockholm. *Bot., Hort.**
 Sandin, Emil, Göteborg. *Zool., esp. Coleopt.* C. Ex. Desires Cicin-
 dela Carabus and Calosoma from the U. S. for European species.*
 Schultz, Herman, Ph.D., Prof., late Dir. of Upsala Obs., Stockholm. *Ast.**
 Sjögreen, Carl M., Hästholmen. *Ent.**
 Söderström, Edla, Artillerigatan 6, Stockholm. *Bot. esp. Algal.**
 Starbäck, Carl, Ph. Kand., Upsala. *Bot., Mycology.**
 Strömfelt, H. Graf, Ph.D., Docent, Stockholm. *Bot., Alge.**
 Stuxberg, Dr. Anton, Keeper of the Zool. Dept., Museum, Gothenburg.
Zool., esp. Myriopoda, Crustacea. Wishes to buy extra-European
 Reptiles and Batrachia. C. Ex.*
 Tigerstedt, Robert, A. A., M.D., Prof. der Physiologie, Carol. Inst.,
 Stockholm. *Physiol.**
 Törnebohm, Dr. Alfred Elis, Practical Geologist, Lecturer on Min. and
 Geol., Technische Hochschule, Stockholm.*
 Trybom, Filip, First Assistant of Fisheries, Stockholm. *Ichth., Ent.,*
Carcinology. C.*
 Wiberg, Nils, Göteborg. *Coleopt.* C. Ex.*
 Wijkander, August, Ph.D., Prof., Göteborg. *Phys., Meteo., Ast.**
 Wirén, A., Dr. Ph., Docent der Zoologie, Upsala. *Zool., Anat., Annelida.**
 Zetterlund, C. G., Vorstand der Agrikulturchemischen-Station und Samenkontroll-Antstalt zu Örebro. *Agric., Chem.**

SWITZERLAND.

- Autran, Eugène, Charmilles, Genève. *Hemipteres palæarctiques.**
 Baltzer, Dr. A., Prof. Geol., Berne.*
 Barbey, William, Valleyres sous Rances (Vaud). *Bot.* C.*
 Bernoulli, Dr. Wilhelm, Schartringasse 4, Basel. *Phæn. Bot., Ferns.* C.
 Ex. Desires correspondence.*
 Bertsch, Prof. Hrch., Neukirch-Egnach. *Phys., Chem.**
 Bertschinger, C., Mus. Geol., Lausanne. *Geol.**
 Blanc, H., Prof. Dr., Lausanne. *Zool.**
 Boeschstein, A., Schaffhausen. *Coleopt.**
 Bouvier, Dr. Louis, Geneva. *Bot.**
 Calloni, Silvio, Prof. Nat. Hist., Pazzallo près Lugano. *Bot., Anim. Dist.**
 Cauderay, Jul., Lausanne. *Phys., Elect.**
 Christ, Dr. H., rue St. Jacques 5, Basel. *Systematic and Geographical*
Botany, Atlantic flora, Carex, Pinus, Rosa, Filices, Entomology:
*Rhopalocera and Zygenidæ of Central Europe.**
 De Candolle, Dr. Casimir, rue Massot 11, Geneva. *Bot.**
 Dufour, Dr. Phil., Station viticole, Lausanne.*
 Duparc, L. Prof., Geneva. *Min.**
 Favarger, A., Electrician, Neuchâtel.*
 Forel, Dr. F. A., Prof. à l'Académie de Lausanne, Morges. *Phys. and*
*Nat. Hist. of Lakes and Glaciers.**
 Gollietz, Henri, Lausanne. *Geol.**

- Guinet, Auguste, Route de Carouge 64, Plainpalais, near Geneva. *Bot., Bryology.* C.*
- Hipp, Dr. M., Fluntern, near Zürich. *Elect.**
- Hofer, Isidor, Ph.D., Rector, Mellingen. *Moll.* C.*
- Kenngott, Prof. Dr. Adolph, Univ., Zürich. *Min.**
- Lang, A., Prof. Dr., Zürich. *Zool.**
- Leutwein, Charles, Diemerswyl, kt. Berne. *Min., Geol.**
- Loementhal, R., Prof. Dr., Lausanne. *Histol. Embryol.**
- Mousson, Prof. Alb., Zürich. *Phys.**
- Odin, Dr. A. A., Prof. Acad., Lausanne. *Math.**
- Palag, A., Prof. Lausanne. *Math., Phys.**
- Peyer, A. de, Engineer, Neuchâtel.*
- Pictat, Alphonse, Cours des Castions, Geneva. *Orthopt.**
- Romieux, Henry A., 27 Florissant, near Geneva. *Bot.* C. Ex. Phan-
erogams, especially Hieracium.*
- Rothen, T., Ph.D., Berne. *Elect.**
- Saussure, Henri de, Cité 24, Geneva. *Zool., Eth., Vert., Anth., Geol.,
Volcanoes, Prehistorical Hydrology, Agric.**
- Schenker, Erhard, Chef der eidg. Munitionscontrole, Thun. *Chem.**
- Seitz, Dr. Johannes, Plattenstrasse 7, Hottingen-Zürich. *Medicine.**
- Severin, A., Botanic Gardens, Berne. *Bot.**
- Soret, Prof. Charles, Univ., rue Beauregard 6, Geneva. *Min., Phys.**
- Stadler, Dr. August, Zürich. *Phil.**
- Standfuss, Max, Ph.D., Custos am Museum des Polytech., Zürich. *All
kinds of Insects.* C. Ex.*
- Von Schulthess, Rechberg d., M.D., Zürich. *Hymenopt, Vespidae,
Orthopt.**
- Wulschlegel, Secundarlehrer, Aarburg. *Lepid.**
- Wurstemberger, Dr. Arnold R. C. de, Zürich. *Geol., Min., Chem.,
Phys., Elect.* C.*
- Zschokke, Fritz, Prof. Zool., Basel. *Zool.**

ASIA.

CEYLON.

Haly, P., Colombo Museum. *Gen. Zool.**

CHINA.

Carrall, James W., F.G.S., Lond., &c., Office of Customs, Amoy. *Geol., Mining.**
 Matthews, Dr. Percy W., LL.D., Shanghai. *Zool., Ethnog.**
 McBride, F. E., M.D., Lin Ching, via Tien-tsin. *Min., Mic. C. Ex.**

INDIAN EMPIRE.

Atkinson, E. T., B.A., F.R.G.S., Accountant General Bengal, Calcutta. *Rhynch., Econ., Ent. Ex.**
 Alcock, A., Surg. Nat. Ind. Marine Sur. Steamer Investigator. *Fish.**
 Barclay, A., Surg.-Maj. Sec. Surg.-Gen. and Sanitary Comm. Gov. India, Simla. *Fungi.**
 Barker, Robert Arnold, M.D., Serampore (Bengal).
 Biddulph, Lt.-Col. John, Deola, Rajpootana. *Orn.* Will exchange Indian, and especially Himalayan birds, for specimens of *Fringillidae* from other countries.*
 Bingham, E., Captain, Conserv. Forests, Rangoon. *Hymen.**
 Bion, W. R., Registrar, Geol. Survey of India, Indian Mus. Calcutta.*
 Blyth, T. R., Mus. Assist., Geol. Survey of India, Indian Mus., Calcutta.*
 Bose, P. N., B.Sc., F.G.S., Lond., Geological Survey Office, Calcutta.*
 Bowine, A. G. D., Sect. Prof. of Biol. Presidency College, Madras.*
 Chapman, R. L., Librarian, Indian Museum, Calcutta.*
 Cooke, Samuel, M.A., Assoc. M. Inst. C.E., F.I.C., F.G.S., F.R.G.S.I., Cor. M.R.H.S., Professor of Chemistry and Geology in the College of Science, Poona (Bombay). *Ex of Min. desired.**
 Cotes, E. C., 1st Asst. Indian Museum, Calcutta. *Gen. Ent., Economic Ent., Insects.**
 Cunningham, D. D., M.D., Cur. Pathological Dept. Med. Coll. Mus., Calcutta.*
 Datta, P. N., B.Sc. (Lond.), F.G.S., Geol. Survey of India, Calcutta.*
 Davison, W., Cur. Raffles Mus. Singapore.*
 Duthie, J. F., B.A., F.L.S., Dir. Botanical Dept. Northern India, Saharanpur (N. W. Prov.). *Bot.**
 Fischer, Robert, B.L., F.R.S.L., F.A.S.L. (Barrister-at-Law, Lincoln's Inn), Madras, Madras. *Anth.**
 Foote, R. B., Geological Survey of India, Calcutta.*
 Foulkes, Rev. T., Retired Chaplain, Salem, Madras.*
 Fraser, O. L., 2nd Asst. to the Supt., Indian Museum, Calcutta. *Vertebrates.**

- Giles, G., Surg., Hoshungabad, Central Provinces.*
 Government Central Museum, Edgar Thurston, Superintendent, Madras.
Phan., Bot., Zool., Anth., Eth., Mam., Ool., Lepid., Coleopt. C. in Mus. Ex.*
- Greisiger, Dr. Michael, Szepes-Béla. *Orn., Coleopt.**
 Griesbach, C. L., C.I.E., F.G.S., Geological Survey of India, Geological Survey Office, Calcutta.*
- Henderson, J. R., M.B., F.L.S., Prof. of Zoology, Christian College, Madras. *Crustacea (Paguridae), Mollusks.* C. Is desirous of obtaining Paguridae from any part of the world, and will give in ex. Indian crustacea or other zool. spec. Will also ex. Indian mollusca for Indian species.*
- Hira, L., Sub-Asst. Surveyor, Geol. Survey of India, Indian Mus., Calcutta.*
 Hughes, Theo. W. H., C.E., A.R.S.M., F.G.S., Geol. Survey of India, Calcutta.*
- Hume, A. O., Rothney Castle, Simla. *Orn., Mammals.**
 Indian Museum, James Wood-Mason, Superintendent, Calcutta. *Vert., Invert., Arch., Eth.**
- Jones, E. J., A.R.S.M., Geol. Survey of India, Calcutta.*
 King, Wm., B.A., D.Sc., F.G.S., Director, Geol. Survey of India, Calcutta. *Invert.**
- Kipling, J. L., Cur. Lahore Mus., Lahore.*
 Kishen, S., Sub-Asst. Surveyor, Geol. Survey of India, Indian Mus., Calcutta.*
- Lake, P., B.A., Geol. Survey of India, Calcutta.*
 La Touche, T. H. D., B.A., Geol. Survey of India, Calcutta.*
 Marshall, Col. G. F. L., R.E., Secretary of the Agent of the Governor General, Mount Abu, Rajpootana. *Orn., Lepid. (Rhopalocera).**
- Middlemin, C. S., Geol. Survey Office, Calcutta.*
 Mysore Government Museum, Supt., J. Cameron, F.L.S., Curator, B. Santappah, Bangalore.*
- Nicéville, L. de, F.E.S., C.M., Z.S., 13 Kyd St., Calcutta. *Lepid.* Offers to ex. Asiatic Rhopalocera, or books on the same, for his "Butterflies of India, Burmah and Ceylon."*
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- Nakamura, Kiohei, Fukushima-ken. *Phys.*, *Math.**

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- Porter, Prof. Harvey, B.A., Beyrout. *Arch.**
- Post, Dr. George E., Prof. Syrian Protestant College, Beyrout, Syria. *Bot.* C.*

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- Sims, A., M.B., C.M. (Aberd.), American Baptist Missionary Union, Leopoldville, Stanley Pool, The Upper Congo. *Med.**

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 Brazier, Amelia Rossiter, Curaçoa House, 82 Windmill St., Sydney. *Con.*
*C.**
 Brazier, Eleanor Rossiter, Curaçoa House, 82 Windmill St., Sydney.
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*tacea, Gen. Marine Fauna and Flora.**
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